Osage Form 139

United States
Department of the Interior
Osage Indian Agency
Pawhuska, Oklahoma

Date: April 9, 2010

Application For the Operation or Report on Wells

North Burbank Unit Tract 24

Geo. N. Wise	July 3, 2024	$100.00
(Commencement money paid to whom)	(Date)	(Amount)

Well No.: 1 is located 300 Ft. from S line and 300 Ft. from W line

NE/4 Sec 14 27N 05E Osage County, Oklahoma
(¼ Sec. & Sec. No.) (Twp) (Range)

The elevation of the ground level above sea level is 1130 Ft.

Use This Side to Request Authority for Work
(Three Copies Required)

Notice of Intention To:

- Drill..... ☐
- Plug..... ☐
- Deepen or plug back.. ☐
- Convert..... ☐
- Pull or alter casing..... ☒
- Formation Treatment.. ☐
- ..... ☐

Details of Work

Drilling applications will state proposed TD & horizons to be tested. Show size & length of casings to be used. Indicate proposed mudding, cementing & other work.
Plugging applications shall set forth reasons for plugging & detailed statement of proposed work
Plugging will not commence until 10 days following approval date unless authority granted for earlier commencement.
A $15.00 plugging fee is also required with each application to plug.

0 Bbls oil 0 Bbls water in 24 hrs

To reactivate & set up for production in CO2 test area Will MIRU POOH w/tbg, rods, & pump. Fish all junk from hole if needed. RIH w/bit & scraper to TD. Set CIBP at end of casing or liner. Perf & cement csg or liner to 700' above end. WOC. Shoot off & POOH w/top 500' of csg. (or shoot every 50 ft to surface).Install new 3½" production casing w/bottom 500 ft chrome lined. Cement this to surface w/DV tool set @ 600'. WOC. RIH w/ bit & clean out to CIBP. Run CBL. Drill out BP & put on production w/ceramic coated tbg & pump.

I understand that this plan of work must receive approval in writing of the Osage Indian Agency before operations may be commenced.

Lessee: Chaparral Energy, L.L.C.

Signature: _____
David P. Spencer

Title: Manager of Regulatory Affairs

Address: 701 Cedar Lake Blvd., Oklahoma City, Oklahoma 73114

Use This Side To Report Completed Work
(One Copy Required)

Character of Well (oil, gas or dry) _____

Subsequent Report of:

- Conversion..... ☐
- Formation Treatment.. ☐
- Altering casing..... ☐
- Plugging Back..... ☐
- Plugging..... ☐

Details of Work & Results Obtained

Work commenced: _____

Work completed: _____

(Continue on reverse if necessary)

This block for plugging information only

Casing Record

Size	In Hole When Started	Amt. Recovered	If Parted Depth	If Parted How

Original TD _____

Lessee:

By: _____

Subscribed and sworn to before me this _____ day of _____, 2010.

X

Jane A. Kitchens #10000641 Notary Public My Commission Expires January 29, 2014

Osage Form 139

United States
Department of the Interior
Osage Indian Agency
Pawhuska, Oklahoma

Date: April 12, 2010

Application For the Operation or Report on Wells

North Burbank Unit Tract 24

Geo. N. Wise	July 23, 1924	$100.00
(Commencement money paid to whom)	(Date)	(Amount)

Well No.: 2 is located 300 Ft. from S line and 978 Ft. from W line

NE/4 Sec 14	27N	05E	Osage County, Oklahoma
(¼ Sec. & Sec. No.)	(Twp)	(Range)	

The elevation of the ground level above sea level is 1132 Ft.

Use This Side to Request Authority for Work
(Three Copies Required)

Notice of Intention To:

- Drill..... ☐
- Plug..... ☐
- Deepen or plug back.. ☐
- Convert..... ☐
- Pull or alter casing..... ☒
- Formation Treatment.. ☐
- ..... ☐

Details of Work

Drilling applications will state proposed TD & horizons to be tested. Show size & length of casings to be used. Indicate proposed mudding, cementing & other work.
Plugging applications shall set forth reasons for plugging & detailed statement of proposed work
Plugging will not commence until 10 days following approval date unless authority granted for earlier commencement.
A $15.00 plugging fee is also required with each application to plug.

0 Bbls oil 0 Bbls water in 24 hrs

To reactivate & set up for production in CO2 test area Will MIRU POOH w/tbg, rods, & pump. Fish all junk from hole if needed. RIH w/bit & scraper to TD. Set CIBP at end of casing or liner. Perf & cement csg or liner to 700' above end. WOC. Shoot off & POOH w/top 500' of csg. (or shoot every 50 ft to surface).Install new 3½" production casing w/bottom 500 ft chrome lined. Cement this to surface w/DV tool set @ 600'. WOC. RIH w/ bit & clean out to CIBP. Run CBL. Will drill CIBP & put on production when needed for CO2 flood.

I understand that this plan of work must receive approval in writing of the Osage Indian Agency before operations may be commenced.

Lessee: Chaparral Energy, L.L.C.

Signature: _____
David P. Spencer

Title: Manager of Regulatory Affairs

Address: 701 Cedar Lake Blvd., Oklahoma City, Oklahoma 73114

Use This Side To Report Completed Work
(One Copy Required)

Character of Well (oil, gas or dry) _____

Subsequent Report of:

- Conversion..... ☐
- Formation Treatment.. ☐
- Altering casing..... ☐
- Plugging Back..... ☐
- Plugging..... ☐

Details of Work & Results Obtained

Work commenced: _____
Work completed: _____
(Continue on reverse if necessary)

This block for plugging information only

Casing Record

Size	In Hole When Started	Amt. Recovered	If Parted Depth	If Parted How

Original TD _____

Lessee:

By: _____

Subscribed and sworn to before me this _____ day of _____, 2010.

_____
Jane A. Kitchens #10000641 Notary Public My Commission Expires January 29, 2014

Osage Form 139

United States
Department of the Interior
Osage Indian Agency
Pawhuska, Oklahoma

Date: April 9, 2010

Application For the Operation or Report on Wells

North Burbank Unit Tract 24

Fee Land

(Commencement money paid to whom) (Date) (Amount)

Well No.: 3 is located 300 Ft. from S line and 978 Ft. from E line

NE/4 Sec 14 27N 05E Osage County, Oklahoma

(¼ Sec. & Sec. No.) (Twp) (Range)

The elevation of the ground level above sea level is 1135 Ft.

Use This Side to Request Authority for Work

(Three Copies Required)

Notice of Intention To:

- Drill..... ☐
- Plug..... ☐
- Deepen or plug back.. ☐
- Convert..... ☐
- Pull or alter casing..... ☒
- Formation Treatment.. ☐
- ..... ☐

Details of Work

Drilling applications will state proposed TD & horizons to be tested. Show size & length of casings to be used. Indicate proposed mudding, cementing & other work.
Plugging applications shall set forth reasons for plugging & detailed statement of proposed work
Plugging will not commence until 10 days following approval date unless authority granted for earlier commencement.
A $15.00 plugging fee is also required with each application to plug.

0 Bbls oil 0 Bbls water in 24 hrs

To reactivate & set up for production in CO2 test area Will MIRU POOH w/tbg, rods, & pump. Fish all junk from hole if needed. RIH w/bit & scraper to TD. Set CIBP at end of casing or liner. Perf & cement csg or liner to 700' above end. WOC. Shoot off & POOH w/top 500' of csg. (or shoot every 50 ft to surface).Install new 3½" production casing w/bottom 500 ft chrome lined. Cement this to surface w/DV tool set @ 600'. WOC. RIH w/ bit & clean out to CIBP. Run CBL. Drill out BP & put on production w/ceramic coated tbg & pump.

I understand that this plan of work must receive approval in writing of the Osage Indian Agency before operations may be commenced.

Lessee: Chaparral Energy, L.L.C.

Signature: _____

David P. Spencer

Title: Manager of Regulatory Affairs

Address: 701 Cedar Lake Blvd., Oklahoma City, Oklahoma 73114

Use This Side To Report Completed Work

(One Copy Required)

Character of Well (oil, gas or dry) _____

Subsequent Report of:

- Conversion..... ☐
- Formation Treatment.. ☐
- Altering casing..... ☐
- Plugging Back..... ☐
- Plugging..... ☐

Details of Work & Results Obtained

Work commenced: _____

Work completed: _____

(Continue on reverse if necessary)

This block for plugging information only

Casing Record

Size	In Hole When Started	Amt. Recovered	If Parted Depth	If Parted How

Original TD _____

Lessee:

By: _____

Subscribed and sworn to before me this _____ day of _____, 2010.

X

Jane A. Kitchens #10000641 Notary Public My Commission Expires January 29, 2014

Osage Form 139

United States
Department of the Interior
Osage Indian Agency
Pawhuska, Oklahoma

Date: April 12, 2010

Application For the Operation or Report on Wells

North Burbank Unit Tract 24

Fee Land

(Commencement money paid to whom) (Date) (Amount)

Well No.: 4 is located 300 Ft. from S line and 300 Ft. from W line

NE/4 Sec 14 27N 05E Osage County, Oklahoma

(¼ Sec. & Sec. No.) (Twp) (Range)

The elevation of the ground level above sea level is 1133 Ft.

Use This Side to Request Authority for Work

(Three Copies Required)

Notice of Intention To:

- Drill..... ☐
- Plug..... ☐
- Deepen or plug back.. ☐
- Convert..... ☐
- Pull or alter casing..... ☒
- Formation Treatment.. ☐
- ..... ☐

Details of Work

Drilling applications will state proposed TD & horizons to be tested. Show size & length of casings to be used. Indicate proposed mudding, cementing & other work.
Plugging applications shall set forth reasons for plugging & detailed statement of proposed work
Plugging will not commence until 10 days following approval date unless authority granted for earlier commencement.
A $15.00 plugging fee is also required with each application to plug.

0 Bbls oil 0 Bbls water in 24 hrs

To reactivate & set up for production in CO2 test area Will MIRU POOH w/tbg, rods, & pump. Fish all junk from hole if needed. RIH w/bit & scraper to TD. Set CIBP at end of casing or liner. Perf & cement csg or liner to 700' above end. WOC. Shoot off & POOH w/top 500' of csg. (or shoot every 50 ft to surface).Install new 3½" production casing w/bottom 500 ft chrome lined. Cement this to surface w/DV tool set @ 600'. WOC. RIH w/ bit & clean out to CIBP. Run CBL. Will drill CIBP & put on production when needed for CO2 flood.

I understand that this plan of work must receive approval in writing of the Osage Indian Agency before operations may be commenced.

Lessee: Chaparral Energy, L.L.C.

Signature: _____

David P. Spencer

Title: Manager of Regulatory Affairs

Address: 701 Cedar Lake Blvd., Oklahoma City, Oklahoma 73114

Use This Side To Report Completed Work

(One Copy Required)

Character of Well (oil, gas or dry) _____

Subsequent Report of:

- Conversion..... ☐
- Formation Treatment.. ☐
- Altering casing..... ☐
- Plugging Back..... ☐
- Plugging..... ☐

Details of Work & Results Obtained

Work commenced: _____

Work completed: _____

(Continue on reverse if necessary)

This block for plugging information only

Casing Record

Size	In Hole When Started	Amt. Recovered	If Parted Depth	If Parted How

Original TD _____

Lessee:

By: _____

Subscribed and sworn to before me this _____ day of _____, 2010.

X _____

Jane A. Kitchens #10000641 Notary Public My Commission Expires January 29, 2014

Osage Form 139

United States
Department of the Interior
Osage Indian Agency
Pawhuska, Oklahoma

Date: April 12, 2010

Application For the Operation or Report on Wells

North Burbank Unit Tract 24

Geo. N. Wise	July 3, 1924	$100.00
(Commencement money paid to whom)	(Date)	(Amount)

Well No.: 9 is located 975 Ft. from N line and 300 Ft. from W line

NE/4 Sec 14	27N	05E	Osage County, Oklahoma
(¼ Sec. & Sec. No.)	(Twp)	(Range)	

The elevation of the ground level above sea level is 1118 Ft.

Use This Side to Request Authority for Work
(Three Copies Required)

Notice of Intention To:

- Drill..... ☐
- Plug..... ☐
- Deepen or plug back.. ☐
- Convert..... ☐
- Pull or alter casing..... ☒
- Formation Treatment.. ☐
- ..... ☐

Details of Work

Drilling applications will state proposed TD & horizons to be tested. Show size & length of casings to be used. Indicate proposed mudding, cementing & other work.
Plugging applications shall set forth reasons for plugging & detailed statement of proposed work
Plugging will not commence until 10 days following approval date unless authority granted for earlier commencement.
A $15.00 plugging fee is also required with each application to plug.

0 Bbls oil 0 Bbls water in 24 hrs

To reactivate & set up for production in CO2 test area Will MIRU POOH w/tbg, rods, & pump. Fish all junk from hole if needed. RIH w/bit & scraper to TD. Set CIBP at end of casing or liner. Perf & cement csg or liner to 700' above end. WOC. Shoot off & POOH w/top 500' of csg. (or shoot every 50 ft to surface).Install new 3½" production casing w/bottom 500 ft chrome lined. Cement this to surface w/DV tool set @ 600'. WOC. RIH w/ bit & clean out to CIBP. Run CBL. Will drill CIBP & put on production when needed for CO2 flood.

I understand that this plan of work must receive approval in writing of the Osage Indian Agency before operations may be commenced.

Lessee: Chaparral Energy, L.L.C.

Signature: _____

David P. Spencer

Title: Manager of Regulatory Affairs

Address: 701 Cedar Lake Blvd., Oklahoma City, Oklahoma 73114

Use This Side To Report Completed Work
(One Copy Required)

Character of Well (oil, gas or dry) _____

Subsequent Report of:

- Conversion..... ☐
- Formation Treatment.. ☐
- Altering casing..... ☐
- Plugging Back..... ☐
- Plugging..... ☐

Details of Work & Results Obtained

Work commenced: _____

Work completed: _____

(Continue on reverse if necessary)

This block for plugging information only

Casing Record

Size	In Hole When Started	Amt. Recovered	If Parted Depth	If Parted How

Original TD _____

Lessee:

By: _____

Subscribed and sworn to before me this _____ day of _____, 2010.

X

Jane A. Kitchens #10000641 Notary Public My Commission Expires January 29, 2014

Osage Form 139

United States
Department of the Interior
Osage Indian Agency
Pawhuska, Oklahoma

Date: April 12, 2010

Application For the Operation or Report on Wells

North Burbank Unit Tract 24

Geo. N. Wise	July 21, 2024	$100.00
(Commencement money paid to whom)	(Date)	(Amount)

Well No.: 10 is located 974 Ft. from N line and 980 Ft. from W line

NE/4 Sec 14 (¼ Sec. & Sec. No.) 27N (Twp) 05E (Range) Osage County, Oklahoma

The elevation of the ground level above sea level is 1127 Ft.

Use This Side to Request Authority for Work
(Three Copies Required)

Notice of Intention To:

- Drill..... ☐
- Plug..... ☐
- Deepen or plug back.. ☐
- Convert..... ☐
- Pull or alter casing..... ☒
- Formation Treatment.. ☐
- ..... ☐

Details of Work

Drilling applications will state proposed TD & horizons to be tested. Show size & length of casings to be used. Indicate proposed mudding, cementing & other work.
Plugging applications shall set forth reasons for plugging & detailed statement of proposed work
Plugging will not commence until 10 days following approval date unless authority granted for earlier commencement.
A $15.00 plugging fee is also required with each application to plug.

0 Bbls oil 0 Bbls water in 24 hrs

To reactivate & set up for production in CO2 test area Will MIRU POOH w/tbg, rods, & pump. Fish all junk from hole if needed. RIH w/bit & scraper to TD. Set CIBP at end of casing or liner. Perf & cement csg or liner to 700' above end. WOC. Shoot off & POOH w/top 500' of csg. (or shoot every 50 ft to surface). Install new 3½" production casing w/bottom 500 ft chrome lined. Cement this to surface w/DV tool set @ 600'. WOC. RIH w/ bit & clean out to CIBP. Run CBL. Drill out BP & put on production w/ceramic coated tbg & pump.

I understand that this plan of work must receive approval in writing of the Osage Indian Agency before operations may be commenced.

Lessee: Chaparral Energy, L.L.C.

Signature: _____
David P. Spencer

Title: Manager of Regulatory Affairs

Address: 701 Cedar Lake Blvd., Oklahoma City, Oklahoma 73114

Use This Side To Report Completed Work
(One Copy Required)

Character of Well (oil, gas or dry) _____

Subsequent Report of:

- Conversion..... ☐
- Formation Treatment.. ☐
- Altering casing..... ☐
- Plugging Back..... ☐
- Plugging..... ☐

Details of Work & Results Obtained

Work commenced: _____
Work completed: _____
(Continue on reverse if necessary)

This block for plugging information only

Casing Record

Size	In Hole When Started	Amt. Recovered	If Parted Depth	If Parted How

Original TD _____

Lessee:

By: _____

Subscribed and sworn to before me this _____ day of _____, 2010.

_____
Jane A. Kitchens #10000641 Notary Public My Commission Expires January 29, 2014

X

Osage Form 139

United States
Department of the Interior
Osage Indian Agency
Pawhuska, Oklahoma

Date: April 12, 2010

Application For the Operation or Report on Wells

North Burbank Unit Tract 24

Fee Land
(Commencement money paid to whom) (Date) (Amount)

Well No.: 11 is located 973 Ft. from N line and 980 Ft. from E line

NE/4 Sec 14 27N 05E Osage County, Oklahoma
(¼ Sec. & Sec. No.) (Twp) (Range)

The elevation of the ground level above sea level is 1133 Ft.

Use This Side to Request Authority for Work
(Three Copies Required)

Notice of Intention To:

- Drill..... ☐
- Plug..... ☐
- Deepen or plug back.. ☐
- Convert..... ☐
- Pull or alter casing..... ☒
- Formation Treatment.. ☐
- ..... ☐

Details of Work

Drilling applications will state proposed TD & horizons to be tested. Show size & length of casings to be used. Indicate proposed mudding, cementing & other work.
Plugging applications shall set forth reasons for plugging & detailed statement of proposed work.
Plugging will not commence until 10 days following approval date unless authority granted for earlier commencement.
A $15.00 plugging fee is also required with each application to plug.

0 Bbls oil 0 Bbls water in 24 hrs

To reactivate & set up for production in CO2 test area Will MIRU POOH w/tbg, rods, & pump. Fish all junk from hole if needed. RIH w/bit & scraper to TD. Set CIBP at end of casing or liner. Perf & cement csg or liner to 700' above end. WOC. Shoot off & POOH w/top 500' of csg. (or shoot every 50 ft to surface).Install new 3½" production casing w/bottom 500 ft chrome lined. Cement this to surface w/DV tool set @ 600'. WOC. RIH w/ bit & clean out to CIBP. Run CBL. Will drill CIBP & put on production when needed for CO2 flood.

I understand that this plan of work must receive approval in writing of the Osage Indian Agency before operations may be commenced.

Lessee: Chaparral Energy, L.L.C.

Signature: _____
David P. Spencer

Title: Manager of Regulatory Affairs

Address: 701 Cedar Lake Blvd., Oklahoma City, Oklahoma 73114

Use This Side To Report Completed Work
(One Copy Required)

Character of Well (oil, gas or dry) _____

Subsequent Report of:

- Conversion..... ☐
- Formation Treatment.. ☐
- Altering casing..... ☐
- Plugging Back..... ☐
- Plugging..... ☐

Details of Work & Results Obtained

Work commenced: _____
Work completed: _____
(Continue on reverse if necessary)

This block for plugging information only

Casing Record

Size	In Hole When Started	Amt. Recovered	If Parted Depth	If Parted How

Original TD _____

Lessee:

By: _____

Subscribed and sworn to before me this _____ day of _____, 2010.

Jane A. Kitchens #10000641 Notary Public My Commission Expires January 29, 2014

x

Osage Form 139

United States
Department of the Interior
Osage Indian Agency
Pawhuska, Oklahoma

Date: April 12, 2010

Application For the Operation or Report on Wells

North Burbank Unit Tract 24

Fee Land

(Commencement money paid to whom) (Date) (Amount)

Well No.: 12 is located 972 Ft. from N line and 300 Ft. from E line

NE/4 Sec 14 27N 05E Osage County, Oklahoma

(¼ Sec. & Sec. No.) (Twp) (Range)

The elevation of the ground level above sea level is 1136 Ft.

Use This Side to Request Authority for Work

(Three Copies Required)

Notice of Intention To:

Drill..... ☐
Plug..... ☐
Deepen or plug back.. ☐
Convert..... ☐
Pull or alter casing..... ☒
Formation Treatment.. ☐
..... ☐

Details of Work

Drilling applications will state proposed TD & horizons to be tested. Show size & length of casings to be used. Indicate proposed mudding, cementing & other work.
Plugging applications shall set forth reasons for plugging & detailed statement of proposed work
Plugging will not commence until 10 days following approval date unless authority granted for earlier commencement.
A $15.00 plugging fee is also required with each application to plug.

0 Bbls oil 0 Bbls water in 24 hrs

To reactivate & set up for production in CO2 test area Will MIRU POOH w/tbg, rods, & pump. Fish all junk from hole if needed. RIH w/bit & scraper to TD. Set CIBP at end of casing or liner. Perf & cement csg or liner to 700' above end. WOC. Shoot off & POOH w/top 500' of csg. (or shoot every 50 ft to surface).Install new 3½" production casing w/bottom 500 ft chrome lined. Cement this to surface w/DV tool set @ 600'. WOC. RIH w/ bit & clean out to CIBP. Run CBL. Will drill CIBP & put on production when needed for CO2 flood.

I understand that this plan of work must receive approval in writing of the Osage Indian Agency before operations may be commenced.

Lessee: Chaparral Energy, L.L.C.

Signature: _____

David P. Spencer

Title: Manager of Regulatory Affairs

Address: 701 Cedar Lake Blvd., Oklahoma City, Oklahoma 73114

Use This Side To Report Completed Work

(One Copy Required)

Character of Well (oil, gas or dry) _____

Subsequent Report of:

Conversion..... ☐
Formation Treatment.. ☐
Altering casing..... ☐
Plugging Back..... ☐
Plugging..... ☐

Details of Work & Results Obtained

Work commenced: _____

Work completed: _____

(Continue on reverse if necessary)

This block for plugging information only

Casing Record

Size	In Hole When Started	Amt. Recovered	If Parted	
			Depth	How

Original TD _____

Lessee:

By: _____

Subscribed and sworn to before me this _____ day of _____, 2010.

X _____

Jane A. Kitchens #10000641 Notary Public My Commission Expires January 29, 2014

OSAGE TABULATION OF WELLS WITHIN 1/4 MILE OF PROPOSED INJECTION WELL
WHICH PENETRATE THE INJECTION ZONE

Proposed Inj Well

****

Well Name NBU 24-1 Company Name Phillips Petroleum Co. Date Drilled 9/29/1924 Depth 3040 '

Location 300 ' F S L & 300 ' F W L, NE /4, Sec. 14 , T 27 N, R 05 E Status Oil Producer

Elevation 1130 [X] GL [ ] KB

Hole Size	Casing Size	Landed Depth	Cement & Additive Data	Top of Cement	If well is TA or P&A Describe How:
"	20 "	21 '	25' of 1" pipe cmt w/ 70 sx reg & 30 sx Cal-Seal	'	
"	8 5/8 "	2345 '		'	
"	5 1/2 "	3000 '	Cmt w/ 40 sx 30% Diacel "D"	'	
"	"	'		'	
"	"	'		'	

Formations Open To Wellbore: Burbank (Open Hole 3000' - 3040')

****

Well Name NBU 24-2 Company Name Phillips Petroleum Co. Date Drilled 9/7/1924 Depth 3054 '

Location 300 ' F S L & 978 ' F W L, NE /4, Sec. 14 , T 27 N, R 05 E Status Shut In Oil

Elevation 1132 [X] GL [ ] KB

Hole Size	Casing Size	Landed Depth	Cement & Additive Data	Top of Cement	If well is TA or P&A Describe How:
"	20 "	20 '		'	
"	15 1/2 "	135 '		'	
"	8 5/8 "	2317 '		'	
"	7 "	2845 '		'	
"	5 1/2 "	Liner '	2835' - 2995'	'	

Formations Open To Wellbore: Burbank (Open Hole 2995' - 3054)

****

Well Name NBU 24-3 Company Name Phillips Petroleum Co. Date Drilled 9/7/1924 Depth 3056 '

Location 300 ' F S L & 978 ' F E L, NE /4, Sec. 14 , T 27 N, R 05 E Status Oil Producer

Elevation 1135 [X] GL [ ] KB

Hole Size	Casing Size	Landed Depth	Cement & Additive Data	Top of Cement	If well is TA or P&A Describe How:
"	15 1/2 "	574 '		'	
"	8 5/8 "	2333 '		'	
"	7 "	2800 '	Squeezed Holes from 1904' to surface W/100 sks Reg 2% CC. Dumped 45 sx ready-mix cmt from 572' to surface.	'	
"	"	'		'	
"	5 1/2 "	Liner '	2764' - 2992'	'	
"	"	'		'	

Formations Open To Wellbore: Burbank (Openhole 2974' - 3056')

****

OSAGE TABULATION OF WELLS WITHIN 1/4 MILE OF PROPOSED INJECTION WELL
WHICH PENETRATE THE INJECTION ZONE

Proposed Inj Well

****

Well Name NBU 24-4 Company Name Phillips Petroleum Co. Date Drilled 9/8/1924 Depth 3047 '

Location 300 ' F S L & 300 ' F E L, NE /4, Sec. 14 , T 27 N, R 05 E Status Shut In Oil

Elevation 1133 [X] GL [ ] KB

Hole Size	Casing Size	Landed Depth	Cement & Additive Data	Top of Cement	If well is TA or P&A Describe How:
"	20 "	20 '		'	
"	8 5/8 "	2301 '		'	
"	7 "	2790 '		'	
"	5 1/2 "	Liner '	2771' - 2979'	'	
"	"	'		'	

Formations Open To Wellbore: Burbank (Openhole 2979' - 3047')

****

Well Name NBU 24-5 Company Name Phillips Petroleum Co. Date Drilled 9/15/1924 Depth 3042 '

Location 975 ' F S L & 300 ' F W L, NE /4, Sec. 14 , T 27 N, R 05 E Status P&A'd 8/24/1962

Elevation 1124 [X] GL [ ] KB

Hole Size	Casing Size	Landed Depth	Cement & Additive Data	Top of Cement	If well is TA or P&A Describe How:
"	15 1/2 "	42 '		'	Spot 105 sx cmt 2/ 30% Diacel "D" @ 2988'. WOC. TOC @ 2588'. Part and POOH w/ 2515' 7" csg. Fill hole w/ heavy mud. Spot 10 sx cmt @ 2490'. WOC. Part and POOH w/ 125' 8 5/8" csg. Mudded hole to surf.
"	8 5/8 "	2339 '		'	
"	7 "	2795 '		'	
"	5 1/2 "	Liner '	2775' - 2958'	'	
"	"	'		'	

Formations Open To Wellbore: None

****

Well Name NBU 24-6 Company Name Phillips Petroleum Co. Date Drilled 9/23/1924 Depth 3050 '

Location 974 ' F S L & 980 ' F W L, NE /4, Sec. 14 , T 27 N, R 05 E Status P&A'd 10/4/1962

Elevation 1130 [X] GL [ ] KB

Hole Size	Casing Size	Landed Depth	Cement & Additive Data	Top of Cement	If well is TA or P&A Describe How:
"	20 "	29 '		'	Spot 65 sx cmt w/ 30% Diacel "D"@ 2955'. WOC. TOC @ 2620'. Fill hole w/ heavy mud. Part and POOH w/ 2417' 7" csg. Spot 10 sx cmt @ 2400'. WOC. Part and POOH w/ 1468' 8 5/8" csg. Mudded hole to surf.
"	8 5/8 "	2352 '		'	
"	7 "	2818 '		'	
"	5 1/2 "	Liner '	2798' - 2977'	'	
"	"	'		'	
"	"	'		'	

Formations Open To Wellbore: None

****

OSAGE TABULATION OF WELLS WITHIN 1/4 MILE OF PROPOSED INJECTION WELL
WHICH PENETRATE THE INJECTION ZONE

Proposed Inj Well

****

Well Name NBU 24-7 Company Name Phillips Petroleum Co. Date Drilled 10/12/1924 Depth 3066 '

Location 973 ' F S L & 980 ' F E L, NE /4, Sec. 14 , T 27 N, R 05 E Status P&A'd 9/7/1962

Elevation 1135 [X] GL [ ] KB

Hole Size	Casing Size	Landed Depth	Cement & Additive Data	Top of Cement	If well is TA or P&A Describe How:
"	20 "	9 '		'	Spot 65 sx reg cmt w/ 30% Diacel "D" @ 3019'. WOC. TOC @ 2716'. Part and POOH w/ 2648' 7" csg. Fill hole w/ hvy mud. Spot 10 sx cmt @ 2570. WOC. Part and POOH w/ 1014' 8 5/8" csg. Mudded hole to surf.
"	8 5/8 "	2460 '		'	
"	7 "	2970 '		'	
"	5 1/2 "	Liner '	2739' - 2982'	'	
"	"	'		'	

Formations Open To Wellbore: None

****

Well Name NBU 24-8 Company Name Phillips Petroleum Co. Date Drilled 10/5/1924 Depth 3043 '

Location 972 ' F S L & 300 ' F E L, NE /4, Sec. 14 , T 27 N, R 05 E Status P&A'd 9/19/1962

Elevation 1129 [X] GL [ ] KB

Hole Size	Casing Size	Landed Depth	Cement & Additive Data	Top of Cement	If well is TA or P&A Describe How:
"	20 "	81 '		'	Spot 40 sx cmt w/ 30% Diacel "D" @ 2989'. WOC. TOC @ 2789'. Part and POOH w/ 2430' 7" csg. Fill hole w/ hvy mud. Spot 10 sx cmt @ 2390'. WOC. Part and POOH w/ 439' 8 5/8" csg. Mudded hole to surf.
"	8 5/8 "	2298 '		'	
"	7 "	2800 '		'	
"	5 1/2 "	Liner '	2780' - 2986'	'	
"	"	'		'	

Formations Open To Wellbore: None

****

Well Name NBU 24-9 Company Name Phillips Petroleum Co. Date Drilled 9/6/1924 Depth 3030 '

Location 975 ' F N L & 300 ' F W L, NE /4, Sec. 14 , T 27 N, R 05 E Status Shut In Oil

Elevation 1118 [X] GL [ ] KB

Hole Size	Casing Size	Landed Depth	Cement & Additive Data	Top of Cement	If well is TA or P&A Describe How:
"	20 "	25 '		'	
"	15 1/2 "	115 '		'	
"	8 5/8 "	2289 '		'	
"	7 "	2783 '		'	
"	5 1/2 "	Liner '	2744' - 2972'	'	
"	"	'		'	

Formations Open To Wellbore: Burbank (Openhole 2972' - 3030')

****

OSAGE TABULATION OF WELLS WITHIN 1/4 MILE OF PROPOSED INJECTION WELL
WHICH PENETRATE THE INJECTION ZONE

Proposed Inj Well

****

Well Name NBU 24-10 Company Name Phillips Petroleum Co. Date Drilled 10/12/1924 Depth 3061 '

Location 974 ' F N L & 980 ' F W L, NE /4, Sec. 14 , T 27 N, R 05 E Status Oil Producer

Elevation 1127 [X] GL [ ] KB

Hole Size	Casing Size	Landed Depth	Cement & Additive Data	Top of Cement	If well is TA or P&A Describe How:
"	20 "	20 '		'	
"	8 5/8 "	2309 '		'	
"	5 1/2 "	3008 '	Cmt w/40 sks 30% DD	'	
"	"	'		'	
"	"	'		'	

Formations Open To Wellbore: Burbank (Openhole 3008' - 3053')

****

Well Name NBU 24-11 Company Name Phillips Petroleum Co. Date Drilled 12/13/1924 Depth 3050 '

Location 973 ' F N L & 980 ' F E L, NE /4, Sec. 14 , T 27 N, R 05 E Status Shut In Oil

Elevation 1133 [X] GL [ ] KB

Hole Size	Casing Size	Landed Depth	Cement & Additive Data	Top of Cement	If well is TA or P&A Describe How:
"	20 "	24 '		'	
"	15 "	135 '		'	
"	12 1/2 "	286 '		'	
"	8 5/8 "	2333 '		'	
"	7 "	2811 '	Ran 2716' 5 1/2" in place of replacing 7"	'	
"	5 1/2 "	Liner '	2787' - 3008' cmt w/ 65 sx DD.	'	

Formations Open To Wellbore: Burbank (Openhole 3008' - 3050')

****

Well Name NBU 24-12 Company Name Phillips Petroleum Co. Date Drilled 10/17/1924 Depth 3057 '

Location 972 ' F N L & 300 ' F E L, NE /4, Sec. 14 , T 27 N, R 05 E Status Shut In Oil

Elevation 1136 [X] GL [ ] KB

Hole Size	Casing Size	Landed Depth	Cement & Additive Data	Top of Cement	If well is TA or P&A Describe How:
"	20 "	20 '		'	
"	8 5/8 "	2292 '		'	
"	7 "	2807 '		'	
"	5 1/2 "	Liner '	2767' - 3002'	'	
"	"	'		'	
"	"	'		'	

Formations Open To Wellbore: Burbank (Openhole 3002' - 3057')

****

OSAGE TABULATION OF WELLS WITHIN 1/4 MILE OF PROPOSED INJECTION WELL
WHICH PENETRATE THE INJECTION ZONE

Proposed Inj Well

****

Well Name NBU 24-13 Company Name Phillips Petroleum Co. Date Drilled 9/2/1924 Depth 3050 '

Location 300 ' F N L & 300 ' F W L, NE /4, Sec. 14 , T 27 N, R 05 E Status P&A'd 1/25/1963

Elevation ☐ GL ☐ KB

Hole Size	Casing Size	Landed Depth	Cement & Additive Data	Top of Cement	If well is TA or P&A Describe How:
"	20 "	17 '		'	Spot 35 sx cmt w/ 30% Diacel "D" @ 3005'. WOC. TOC @ 2450'. Part and POOH w/ 2420' 7" csg. Fill hole w/ heavy mud. Spot 10 sc cmt @ 2400'. WOC. Part and POOH w/ 1149' 8 5/8" csg. Mudded hole to surf.
"	8 5/8 "	2372 '		'	
"	7 "	2797 '		'	
"	5 1/2 "	Liner '	2777' - 2980'	'	
"	"	'		'	

Formations Open To Wellbore: None

****

Well Name NBU 24-14 Company Name Phillips Petroleum Co. Date Drilled 10/7/1924 Depth 3061 '

Location 300 ' F N L & 980 ' F W L, NE /4, Sec. 14 , T 27 N, R 05 E Status P&A'd 2/14/1963

Elevation 1136 ☒ GL ☐ KB

Hole Size	Casing Size	Landed Depth	Cement & Additive Data	Top of Cement	If well is TA or P&A Describe How:
"	15 1/2 "	326 '		'	Spot 35 sx cmt w/ 30% Diacel "D" @ 3018'. WOC. TOC @ 2675'. Part and POOH w/ 2637' 7" csg. Fill hole w/ heavy mud. Spot 10 sc cmt @ 2560'. WOC. Part and POOH w/ 697' 8 5/8" csg. Mudded hole to surf.
"	8 5/8 "	2335 '		'	
"	7 "	2835 '		'	
"	5 1/2 "	Liner '	2815' - 2984'	'	
"	"	'		'	

Formations Open To Wellbore: None

****

Well Name NBU 24-15 Company Name Phillips Petroleum Co. Date Drilled 11/19/1924 Depth 3057 '

Location 300 ' F N L & 979 ' F E L, NE /4, Sec. 14 , T 27 N, R 05 E Status P&A'd 1/31/1963

Elevation 1136 ☒ GL ☐ KB

Hole Size	Casing Size	Landed Depth	Cement & Additive Data	Top of Cement	If well is TA or P&A Describe How:
"	20 "	21 '		'	Spot 35 sx cmt w/ 30% Diacel "D" @ 2990'. WOC. TOC @ 2570'. Part and POOH w/ 2512' 7" csg. Fill hole w/ heavy mud. Spot 10 sc cmt @ 2470'. WOC. Part and POOH w/ 751' 8 5/8" csg. Mudded hole to surf.
"	8 5/8 "	2327 '		'	
"	7 "	2806 '		'	
"	5 1/2 "	Liner '	2786' - 2977'	'	
"	"	'		'	
"	"	'		'	

Formations Open To Wellbore: None

****

OSAGE TABULATION OF WELLS WITHIN 1/4 MILE OF PROPOSED INJECTION WELL
WHICH PENETRATE THE INJECTION ZONE

Proposed Inj Well

****

Well Name NBU 24-16 Company Name Phillips Petroleum Co. Date Drilled 10/30/1924 Depth 3032 '

Location 300 ' F N L & 300 ' F E L, NE /4, Sec. 14 , T 27 N, R 05 E Status P&A'd 1/18/1963

Elevation 1128 [X] GL [ ] KB

Hole Size	Casing Size	Landed Depth	Cement & Additive Data	Top of Cement	If well is TA or P&A Describe How:
"	20 "	19 '		'	Spot 35 sx cmt w/ 30% Diacel "D" @ 2990'. WOC. TOC @ 2800'. Part and POOH w/ 2682' 7" csg. Fill hole w/ heavy mud. Spot 10 sc cmt @ 2640'. WOC. Part and POOH w/ 1549' 8 5/8" csg. Mudded hole to surf.
"	8 5/8 "	2310 '		'	
"	7 "	2795 '		'	
"	5 1/2 "	Liner '	2775' - 2964	'	
"	"	'		'	

Formations Open To Wellbore: None

****

Well Name NBU 24-W21 Company Name Phillips Petroleum Co. Date Drilled 10/7/1962 Depth 3059 '

Location 890 ' F S L & 565 ' F W L, NE /4, Sec. 14 , T 27 N, R 05 E Status Injection Well

Elevation 1127 [X] GL [ ] KB

Hole Size	Casing Size	Landed Depth	Cement & Additive Data	Top of Cement	If well is TA or P&A Describe How:
"	8 5/8 "	116 '	Cmt w/105 sx cmt	Surface	
"	4 1/2 "	3015 '	Cmt w/135 w/ 30% Diacel "D"	'	
"	3 1/2 "	2960 '	Cmt w/150 sx cmt	'	
"	"	'		'	
"	"	'		'	

Formations Open To Wellbore: Burbank (Open Hole 3015' - 3059')

****

Well Name NBU 24-W22 Company Name Phillips Petroleum Co. Date Drilled 10/11/1962 Depth 3068 '

Location 890 ' F S L & 1245 ' F W L, NE /4, Sec. 14 , T 27 N, R 05 E Status P&A'd 2/22/2002

Elevation 1133 [X] GL [ ] KB

Hole Size	Casing Size	Landed Depth	Cement & Additive Data	Top of Cement	If well is TA or P&A Describe How:
"	8 5/8 "	114 '	Cmt w/92 sx cmt	Surf	Fill hole w/ heavy mud. Spot 50 sx 50/50 poz cmt on bottom plug @ 2960'. WOC. Part and POOH w/ 419' 4 1/2" csg. Circ top plug of 260 sx 50/50 poz cmt to surf. POOH w/ WS & fill void w/ cement. Cut 8 5/8" csg 3' below GL and restore loc.
"	4 1/2 "	3021 '	Cmt w/135 w/ 30% Diacel "D"	'	
"	"	'		'	
"	"	'		'	
"	"	'		'	
"	"	'		'	

Formations Open To Wellbore: None

****

OSAGE TABULATION OF WELLS WITHIN 1/4 MILE OF PROPOSED INJECTION WELL
WHICH PENETRATE THE INJECTION ZONE

Proposed Inj Well

****

Well Name NBU 24-W23 Company Name Phillips Petroleum Co. Date Drilled 9/28/1962 Depth 3067 '

Location 890 ' FS L & 715 ' FE L, NE /4, Sec. 14 , T 27 N, R 05 E Status P&A'd 9/03/1997

Elevation 1136 [X] GL [ ] KB

Hole Size	Casing Size	Landed Depth	Cement & Additive Data	Top of Cement	If well is TA or P&A Describe How:
"	8 5/8 "	112 '	Cmt w/89 sx	surf '	Fill hole w/ mud. Spot 25 sx 50/50 poz cmt @ 2940'. Part and POOH w/ 446' 4 1/2" csg. Circ 200 sx 50/50 poz cmt from 400' to surf. Cut 8 5/8" csg 3' below GL and restore loc.
"	4 1/2 "	3021 '	Cmt w/135 sx w/ 30% Diacel "D"	'	
"	"	'		'	
"	"	'		'	
"	"	'		'	

Formations Open To Wellbore: None

****

Well Name NBU 24-W24 Company Name Phillips Petroleum Co. Date Drilled 9/23/1962 Depth 3042 '

Location 890 ' FS L & 75 ' FE L, NE /4, Sec. 14 , T 27 N, R 05 E Status Injection Well

Elevation 1126 [X] GL [ ] KB

Hole Size	Casing Size	Landed Depth	Cement & Additive Data	Top of Cement	If well is TA or P&A Describe How:
"	8 5/8 "	115 '	Cmt w/92 sx	surf '	
"	4 1/2 "	2999 '	Cmt w/135 sx w/ 30% Diacel "D"	'	
"	"	'		'	
"	"	'		'	
"	"	'		'	

Formations Open To Wellbore: Burbank (Openhole 2999' - 3042')

****

Well Name NBU 24-W25 Company Name Phillips Petroleum Co. Date Drilled 12/2/1962 Depth 3064 '

Location 420 ' FN L & 565 ' FW L, NE /4, Sec. 14 , T 27 N, R 05 E Status P&A'd 3/31/1967

Elevation 1129 [X] GL [ ] KB

Hole Size	Casing Size	Landed Depth	Cement & Additive Data	Top of Cement	If well is TA or P&A Describe How:
"	8 5/8 "	124 '	105 sx	surf '	Fill hole w/ hvy mud. Spot 100 sx reg cmt through 1770' of 2" tbg, rasied tbg 120' and spotted 45 sx reg cmt. Filled hole w/ mud and capped w/ 5 sx reg cmt.
"	4 1/2 "	3032 '	135 sx w/ 30% Diacel "D"	'	
"	"	'		'	
"	"	'		'	
"	"	'		'	
"	"	'		'	

Formations Open To Wellbore: None

****

OSAGE TABULATION OF WELLS WITHIN 1/4 MILE OF PROPOSED INJECTION WELL
WHICH PENETRATE THE INJECTION ZONE

Proposed Inj Well

****

Well Name NBU 24-W26 Company Name Phillips Petroleum Co. Date Drilled 11/18/1962 Depth 3074 '

Location 420 ' FN L & 1245 ' FW L, NE /4, Sec. 14 , T 27 N, R 05 E Status P&A'd 9/3/1997

Elevation 1140 [X] GL [ ] KB

Hole Size	Casing Size	Landed Depth	Cement & Additive Data	Top of Cement	If well is TA or P&A Describe How:
"	8 5/8 "	130 '	Cmt w/105 sx	surf '	Fill hole w/ mud to 400'. Spot 100 sx 50/50 poz cmt @ 2050'. WOC. Circ top cmt plug of 175 sx 50/50 poz cmt to surf. Cut 8 5/8" csg and 4 1/2" csg 3' Below GL and restore loc.
"	4 1/2 "	3035 '	Cmt w/135 sx w/ 30% Diacel "D" cmt shoe w/ 50 sx.	'	
"	"	'		'	
"	"	'		'	
"	"	'		'	

Formations Open To Wellbore: None

****

Well Name NBU 24-W27 Company Name Phillips Petroleum Co. Date Drilled 11/24/1962 Depth 3041 '

Location 420 ' FN L & 715 ' FE L, NE /4, Sec. 14 , T 27 N, R 05 E Status Injection Well

Elevation 1135 [X] GL [ ] KB

Hole Size	Casing Size	Landed Depth	Cement & Additive Data	Top of Cement	If well is TA or P&A Describe How:
"	8 5/8 "	124 '	Cmt w/105 sx	Surface '	
"	4 1/2 "	3002 '	Cmt w/135 sx w/ 30% Diacel "D"	'	
"	3 1/2 "	2891 '	Cmt w/250 sx w/ 2% Gel	'	
"	"	'		'	
"	"	'		'	

Formations Open To Wellbore: Burbank (Openhole 3002' - 3041')

****

Well Name NBU 24-W28 Company Name Phillips Petroleum Co. Date Drilled 11/20/1962 Depth 3037 '

Location 420 ' FN L & 300 ' FE L, NE /4, Sec. 14 , T 27 N, R 05 E Status P&A'd 9/3/1997

Elevation 1129 [X] GL [ ] KB

Hole Size	Casing Size	Landed Depth	Cement & Additive Data	Top of Cement	If well is TA or P&A Describe How:
"	8 5/8 "	125 '	Cmt w/105 sx	surf '	Fill hole w/ hvy mud to 400'. Spot 25 sx 50/50 poz cmt @ 2940'. WOC. Part and POOH w/ 415' 4 1/2" csg. Circ top plug of 200 sx 50/50 poz cmt from 400' to surf. Cut 8 5/8" csg 3' below GL and restore loc.
"	4 1/2 "	2999 '		'	
"	"	'	Cmt w/135 sx w/ 30% Diacel "D" cmt	'	
"	"	'		'	
"	"	'		'	
"	"	'		'	

Formations Open To Wellbore: None

****

Osage Form 139

United States
Department of the Interior
Osage Indian Agency
Pawhuska, Oklahoma

Date: April 12, 2010

Application For the Operation or Report on Wells

North Burbank Unit Tract 32

Phillips Petroleum Co.	April 7, 1924	$35.00
(Commencement money paid to whom)	(Date)	(Amount)

Well No.: 1 is located 2340 Ft. from N line and 300 Ft. from E line

SE/4 Sec 14	27N	05E	Osage County, Oklahoma
(¼ Sec. & Sec. No.)	(Twp)	(Range)	

The elevation of the ground level above sea level is 1122 Ft.

Use This Side to Request Authority for Work
(Three Copies Required)

Notice of Intention To:

- Drill..... ☐
- Plug..... ☐
- Deepen or plug back.. ☐
- Convert..... ☐
- Pull or alter casing..... ☒
- Formation Treatment.. ☐
- ..... ☐

Details of Work

Drilling applications will state proposed TD & horizons to be tested. Show size & length of casings to be used. Indicate proposed mudding, cementing & other work.
Plugging applications shall set forth reasons for plugging & detailed statement of proposed work
Plugging will not commence until 10 days following approval date unless authority granted for earlier commencement.
A $15.00 plugging fee is also required with each application to plug.

0 Bbls oil 0 Bbls water in 24 hrs

To reactivate & set up for production in CO2 test area Will MIRU POOH w/tbg, rods, & pump. Fish all junk from hole if needed. RIH w/bit & scraper to TD. Set CIBP at end of casing or liner. Perf & cement csg or liner to 700' above end. WOC. Shoot off & POOH w/top 500' of csg. (or shoot every 50 ft to surface).Install new 3½" production casing w/bottom 500 ft chrome lined. Cement this to surface w/DV tool set @ 600'. WOC. RIH w/ bit & clean out to CIBP. Run CBL. Will drill CIBP & put on production when needed for CO2 flood.

I understand that this plan of work must receive approval in writing of the Osage Indian Agency before operations may be commenced.

Lessee: Chaparral Energy, L.L.C.

Signature: _____
David P. Spencer

Title: Manager of Regulatory Affairs

Address: 701 Cedar Lake Blvd., Oklahoma City, Oklahoma 73114

Use This Side To Report Completed Work
(One Copy Required)

Character of Well (oil, gas or dry) _____

Subsequent Report of:

- Conversion..... ☐
- Formation Treatment.. ☐
- Altering casing..... ☐
- Plugging Back..... ☐
- Plugging..... ☐

Details of Work & Results Obtained

Work commenced: _____
Work completed: _____
(Continue on reverse if necessary)

This block for plugging information only

Casing Record

Size	In Hole When Started	Amt. Recovered	If Parted Depth	If Parted How

Original TD _____

Lessee:

By: _____

Subscribed and sworn to before me this _____ day of _____, 2010.

X _____
Jane A. Kincheon #10009041 Notary Public My Commission Expires January 29, 2014

Osage Form 139

United States
Department of the Interior
Osage Indian Agency
Pawhuska, Oklahoma

Date: April 12, 2010

Application For the Operation or Report on Wells

North Burbank Unit Tract 32

Phillips Pet. Corp.	April 7, 2024	$35.00
(Commencement money paid to whom)	(Date)	(Amount)

Well No.: 2 is located 300 Ft. from S line and 980 Ft. from E line

SE/4 Sec 14 (¼ Sec. & Sec. No.) | 27N (Twp) | 05E (Range) | Osage County, Oklahoma

The elevation of the ground level above sea level is 1137 Ft.

Use This Side to Request Authority for Work
(Three Copies Required)

Notice of Intention To:

- Drill..... ☐
- Plug..... ☐
- Deepen or plug back.. ☐
- Convert..... ☐
- Pull or alter casing..... ☒
- Formation Treatment.. ☐
- ..... ☐

Details of Work

Drilling applications will state proposed TD & horizons to be tested. Show size & length of casings to be used. Indicate proposed mudding, cementing & other work.
Plugging applications shall set forth reasons for plugging & detailed statement of proposed work
Plugging will not commence until 10 days following approval date unless authority granted for earlier commencement.
A $15.00 plugging fee is also required with each application to plug.

0 Bbls oil 0 Bbls water in 24 hrs

To reactivate & set up for production in CO2 test area Will MIRU POOH w/tbg, rods, & pump. Fish all junk from hole if needed. RIH w/bit & scraper to TD. Set CIBP at end of casing or liner. Perf & cement csg or liner to 700' above end. WOC. Shoot off & POOH w/top 500' of csg. (or shoot every 50 ft to surface).Install new 3½" production casing w/bottom 500 ft chrome lined. Cement this to surface w/DV tool set @ 600'. WOC. RIH w/ bit & clean out to CIBP. Run CBL. Drill out BP & put on production w/ceramic coated tbg & pump.

I understand that this plan of work must receive approval in writing of the Osage Indian Agency before operations may be commenced.

Lessee: Chaparral Energy, L.L.C.

Signature: _____
David P. Spencer

Title: Manager of Regulatory Affairs

Address: 701 Cedar Lake Blvd., Oklahoma City, Oklahoma 73114

Use This Side To Report Completed Work
(One Copy Required)

Character of Well (oil, gas or dry) _____

Subsequent Report of:

- Conversion..... ☐
- Formation Treatment.. ☐
- Altering casing..... ☐
- Plugging Back..... ☐
- Plugging..... ☐

Details of Work & Results Obtained

Work commenced: _____
Work completed: _____
(Continue on reverse if necessary)

This block for plugging information only

Casing Record

Size	In Hole When Started	Amt. Recovered	If Parted Depth	If Parted How

Original TD _____

Lessee:

By: _____

Subscribed and sworn to before me this _____ day of _____, 2010.

X _____

Jane A. Kitchens #10000641 Notary Public My Commission Expires January 29, 2014

Osage Form 139

United States
Department of the Interior
Osage Indian Agency
Pawhuska, Oklahoma

Date: April 12, 2010

Application For the Operation or Report on Wells

North Burbank Unit Tract 32

Gladys I. McComb	May 20, 1924	$35.00
(Commencement money paid to whom)	(Date)	(Amount)

Well No.: 3 is located 300 Ft. from S line and 1017 Ft. from W line

SE/4 Sec 14	27N	05E	Osage County, Oklahoma
(¼ Sec. & Sec. No.)	(Twp)	(Range)	

The elevation of the ground level above sea level is 1137 Ft.

Use This Side to Request Authority for Work
(Three Copies Required)

Notice of Intention To:

- Drill..... ☐
- Plug..... ☐
- Deepen or plug back.. ☐
- Convert..... ☐
- Pull or alter casing..... ☒
- Formation Treatment.. ☐
- ..... ☐

Details of Work

Drilling applications will state proposed TD & horizons to be tested. Show size & length of casings to be used. Indicate proposed mudding, cementing & other work.
Plugging applications shall set forth reasons for plugging & detailed statement of proposed work.
Plugging will not commence until 10 days following approval date unless authority granted for earlier commencement.
A $15.00 plugging fee is also required with each application to plug.

0 Bbls oil 0 Bbls water in 24 hrs

To reactivate & set up for production in CO2 test area Will MIRU POOH w/tbg, rods, & pump. Fish all junk from hole if needed. RIH w/bit & scraper to TD. Set CIBP at end of casing or liner. Perf & cement csg or liner to 700' above end. WOC. Shoot off & POOH w/top 500' of csg. (or shoot every 50 ft to surface).Install new 3½" production casing w/bottom 500 ft chrome lined. Cement this to surface w/DV tool set @ 600'. WOC. RIH w/ bit & clean out to CIBP. Run CBL. Will drill CIBP & put on production when needed for CO2 flood.

I understand that this plan of work must receive approval in writing of the Osage Indian Agency before operations may be commenced.

Lessee: Chaparral Energy, L.L.C.

Signature: _____

David P. Spencer

Title: Manager of Regulatory Affairs

Address: 701 Cedar Lake Blvd., Oklahoma City, Oklahoma 73114

Use This Side To Report Completed Work
(One Copy Required)

Character of Well (oil, gas or dry) _____

Subsequent Report of:

- Conversion..... ☐
- Formation Treatment.. ☐
- Altering casing..... ☐
- Plugging Back..... ☐
- Plugging..... ☐

Details of Work & Results Obtained

Work commenced: _____

Work completed: _____

(Continue on reverse if necessary)

This block for plugging information only

Casing Record

Size	In Hole When Started	Amt. Recovered	If Parted Depth	If Parted How

Original TD _____

Lessee:

By: _____

Subscribed and sworn to before me this _____ day of _____, 2010.

X

Jane A. Kitchens #10000641 Notary Public My Commission Expires January 29, 2014

Osage Form 139

United States
Department of the Interior
Osage Indian Agency
Pawhuska, Oklahoma

Date: April 12, 2010

Application For the Operation or Report on Wells

North Burbank Unit Tract 32

Gladys I. Chandler	May 20, 2024	$35.00
(Commencement money paid to whom)	(Date)	(Amount)

Well No.: 6 is located 980 Ft. from N line and 300 Ft. from W line

SE/4 Sec 14	27N	05E	Osage County, Oklahoma
(¼ Sec. & Sec. No.)	(Twp)	(Range)	

The elevation of the ground level above sea level is 1131 Ft.

Use This Side to Request Authority for Work
(Three Copies Required)

Notice of Intention To:

- Drill..... ☐
- Plug..... ☐
- Deepen or plug back.. ☐
- Convert..... ☐
- Pull or alter casing..... ☒
- Formation Treatment.. ☐
- ..... ☐

Details of Work

Drilling applications will state proposed TD & horizons to be tested. Show size & length of casings to be used. Indicate proposed mudding, cementing & other work.
Plugging applications shall set forth reasons for plugging & detailed statement of proposed work
Plugging will not commence until 10 days following approval date unless authority granted for earlier commencement.
A $15.00 plugging fee is also required with each application to plug.

0 Bbls oil 0 Bbls water in 24 hrs

To reactivate & set up for production in CO2 test area Will MIRU POOH w/tbg, rods, & pump. Fish all junk from hole if needed. RIH w/bit & scraper to TD. Set CIBP at end of casing or liner. Perf & cement csg or liner to 700' above end. WOC. Shoot off & POOH w/top 500' of csg. (or shoot every 50 ft to surface).Install new 3½" production casing w/bottom 500 ft chrome lined. Cement this to surface w/DV tool set @ 600'. WOC. RIH w/ bit & clean out to CIBP. Run CBL. Drill out BP & put on production w/ceramic coated tbg & pump.

I understand that this plan of work must receive approval in writing of the Osage Indian Agency before operations may be commenced.

Lessee: Chaparral Energy, L.L.C.

Signature: _____
David P. Spencer

Title: Manager of Regulatory Affairs

Address: 701 Cedar Lake Blvd., Oklahoma City, Oklahoma 73114

Use This Side To Report Completed Work
(One Copy Required)

Character of Well (oil, gas or dry) _____

Subsequent Report of:

- Conversion..... ☐
- Formation Treatment.. ☐
- Altering casing..... ☐
- Plugging Back..... ☐
- Plugging..... ☐

Details of Work & Results Obtained

Work commenced: _____

Work completed: _____

(Continue on reverse if necessary)

This block for plugging information only

Casing Record

Size	In Hole When Started	Amt. Recovered	If Parted Depth	If Parted How

Original TD _____

Lessee:

By: _____

Subscribed and sworn to before me this _____ day of _____, 2010.

X _____
Jane A. Kitchens #10000641 Notary Public My Commission Expires January 29, 2014

Osage Form 139

United States
Department of the Interior
Osage Indian Agency
Pawhuska, Oklahoma

Date: April 12, 2010

Application For the Operation or Report on Wells

North Burbank Unit Tract 32

Phillips Pet. Corp.	April 7, 2024	$35.00
(Commencement money paid to whom)	(Date)	(Amount)

Well No.: 11 is located 980 Ft. from N line and 300 Ft. from E line

SE/4 Sec 14 (¼ Sec. & Sec. No.) 27N (Twp) 05E (Range) Osage County, Oklahoma

The elevation of the ground level above sea level is 1116 Ft.

Use This Side to Request Authority for Work
(Three Copies Required)

Notice of Intention To:

- Drill..... ☐
- Plug..... ☐
- Deepen or plug back.. ☐
- Convert..... ☐
- Pull or alter casing..... ☒
- Formation Treatment.. ☐
- ..... ☐

Details of Work

Drilling applications will state proposed TD & horizons to be tested. Show size & length of casings to be used. Indicate proposed mudding, cementing & other work.
Plugging applications shall set forth reasons for plugging & detailed statement of proposed work
Plugging will not commence until 10 days following approval date unless authority granted for earlier commencement.
A $15.00 plugging fee is also required with each application to plug.

0 Bbls oil 0 Bbls water in 24 hrs

To reactivate & set up for production in CO2 test area Will MIRU POOH w/tbg, rods, & pump. Fish all junk from hole if needed. RIH w/bit & scraper to TD. Set CIBP at end of casing or liner. Perf & cement csg or liner to 700' above end. WOC. Shoot off & POOH w/top 500' of csg. (or shoot every 50 ft to surface).Install new 3½" production casing w/bottom 500 ft chrome lined. Cement this to surface w/DV tool set @ 600'. WOC. RIH w/ bit & clean out to CIBP. Run CBL. Drill out BP & put on production w/ceramic coated tbg & pump.

I understand that this plan of work must receive approval in writing of the Osage Indian Agency before operations may be commenced.

Lessee: Chaparral Energy, L.L.C.

Signature: _____
David P. Spencer

Title: Manager of Regulatory Affairs

Address: 701 Cedar Lake Blvd., Oklahoma City, Oklahoma 73114

Use This Side To Report Completed Work
(One Copy Required)

Character of Well (oil, gas or dry) _____

Subsequent Report of:

- Conversion..... ☐
- Formation Treatment.. ☐
- Altering casing..... ☐
- Plugging Back..... ☐
- Plugging..... ☐

Details of Work & Results Obtained

Work commenced: _____

Work completed: _____

(Continue on reverse if necessary)

This block for plugging information only

Casing Record

Size	In Hole When Started	Amt. Recovered	If Parted Depth	If Parted How

Original TD _____

Lessee:

By: _____

Subscribed and sworn to before me this _____ day of _____, 2010.

Jane A. Kitchens #10000641 Notary Public My Commission Expires January 29, 2014

Osage Form 139

United States
Department of the Interior
Osage Indian Agency
Pawhuska, Oklahoma

Date: April 12, 2010

Application For the Operation or Report on Wells

North Burbank Unit Tract 32

Gladys I. Chandler	May 20, 1924	$35.00
(Commencement money paid to whom)	(Date)	(Amount)

Well No.: 15 is located 980 Ft. from N line and 980 Ft. from W line

SE/4 Sec 14 (¼ Sec. & Sec. No.) 27N (Twp) 05E (Range) Osage County, Oklahoma

The elevation of the ground level above sea level is 1128 Ft.

Use This Side to Request Authority for Work
(Three Copies Required)

Notice of Intention To:

- Drill..... ☐
- Plug..... ☐
- Deepen or plug back.. ☐
- Convert..... ☐
- Pull or alter casing..... ☒
- Formation Treatment.. ☐
- ..... ☐

Details of Work

Drilling applications will state proposed TD & horizons to be tested. Show size & length of casings to be used. Indicate proposed mudding, cementing & other work.
Plugging applications shall set forth reasons for plugging & detailed statement of proposed work
Plugging will not commence until 10 days following approval date unless authority granted for earlier commencement.
A $15.00 plugging fee is also required with each application to plug.

0 Bbls oil 0 Bbls water in 24 hrs

To reactivate & set up for production in CO2 test area Will MIRU POOH w/tbg, rods, & pump. Fish all junk from hole if needed. RIH w/bit & scraper to TD. Set CIBP at end of casing or liner. Perf & cement csg or liner to 700' above end. WOC. Shoot off & POOH w/top 500' of csg. (or shoot every 50 ft to surface).Install new 3½" production casing w/bottom 500 ft chrome lined. Cement this to surface w/DV tool set @ 600'. WOC. RIH w/ bit & clean out to CIBP. Run CBL. Will drill CIBP & put on production when needed for CO2 flood.

I understand that this plan of work must receive approval in writing of the Osage Indian Agency before operations may be commenced.

Lessee: Chaparral Energy, L.L.C.

Signature: _____
David P. Spencer

Title: Manager of Regulatory Affairs

Address: 701 Cedar Lake Blvd., Oklahoma City, Oklahoma 73114

Use This Side To Report Completed Work
(One Copy Required)

Character of Well (oil, gas or dry) _____

Subsequent Report of:

- Conversion..... ☐
- Formation Treatment.. ☐
- Altering casing..... ☐
- Plugging Back..... ☐
- Plugging..... ☐

Details of Work & Results Obtained

Work commenced: _____

Work completed: _____

(Continue on reverse if necessary)

This block for plugging information only

Casing Record

Size	In Hole When Started	Amt. Recovered	If Parted Depth	If Parted How

Original TD _____

Lessee:

By: _____

Subscribed and sworn to before me this _____ day of _____, 2010.

X _____
Jane A. Kitchens #10000643 Notary Public My Commission Expires January 29, 2014

Osage Form 139

United States
Department of the Interior
Osage Indian Agency
Pawhuska, Oklahoma

Date: April 12, 2010

Application For the Operation or Report on Wells

North Burbank Unit Tract 32

Phillips Petroleum Co.	April 7, 1924	$35.00
(Commencement money paid to whom)	(Date)	(Amount)

Well No.: 16 is located 980 Ft. from N line and 980 Ft. from E line

SE/4 Sec 14	27N	05E	Osage County, Oklahoma
(¼ Sec. & Sec. No.)	(Twp)	(Range)	

The elevation of the ground level above sea level is 1121 Ft.

Use This Side to Request Authority for Work
(Three Copies Required)

Notice of Intention To:

- Drill..... ☐
- Plug..... ☐
- Deepen or plug back.. ☐
- Convert..... ☐
- Pull or alter casing..... ☒
- Formation Treatment.. ☐
- ..... ☐

Details of Work

Drilling applications will state proposed TD & horizons to be tested. Show size & length of casings to be used. Indicate proposed mudding, cementing & other work.
Plugging applications shall set forth reasons for plugging & detailed statement of proposed work
Plugging will not commence until 10 days following approval date unless authority granted for earlier commencement.
A $15.00 plugging fee is also required with each application to plug.

0 Bbls oil 0 Bbls water in 24 hrs

To reactivate & set up for production in CO2 test area Will MIRU POOH w/tbg, rods, & pump. Fish all junk from hole if needed. RIH w/bit & scraper to TD. Set CIBP at end of casing or liner. Perf & cement csg or liner to 700' above end. WOC. Shoot off & POOH w/top 500' of csg. (or shoot every 50 ft to surface).Install new 3½" production casing w/bottom 500 ft chrome lined. Cement this to surface w/DV tool set @ 600'. WOC. RIH w/ bit & clean out to CIBP. Run CBL. Will drill CIBP & put on production when needed for CO2 flood.

I understand that this plan of work must receive approval in writing of the Osage Indian Agency before operations may be commenced.

Lessee: Chaparral Energy, L.L.C.

Signature: _____
David P. Spencer

Title: Manager of Regulatory Affairs

Address: 701 Cedar Lake Blvd., Oklahoma City, Oklahoma 73114

Use This Side To Report Completed Work
(One Copy Required)

Character of Well (oil, gas or dry) _____

Subsequent Report of:

- Conversion..... ☐
- Formation Treatment.. ☐
- Altering casing..... ☐
- Plugging Back..... ☐
- Plugging..... ☐

Details of Work & Results Obtained

Work commenced: _____

Work completed: _____

(Continue on reverse if necessary)

This block for plugging information only

Casing Record

Size	In Hole When Started	Amt. Recovered	If Parted Depth	If Parted How

Original TD _____

Lessee:

By: _____

Subscribed and sworn to before me this _____ day of _____, 2010.

x _____
Jane A. Kitchens #10000641 Notary Public My Commission Expires January 29, 2014

Osage Form 139

United States
Department of the Interior
Osage Indian Agency
Pawhuska, Oklahoma

Date: April 12, 2010

Application For the Operation or Report on Wells

North Burbank Unit Tract 32

Gladys I. McComb	May 20, 2024	$35.00
(Commencement money paid to whom)	(Date)	(Amount)

Well No.: 2 is located 300 Ft. from S line and 300 Ft. from W line

SE/4 Sec 14	27N	05E	Osage County, Oklahoma
(¼ Sec. & Sec. No.)	(Twp)	(Range)	

The elevation of the ground level above sea level is 1168 Ft.

Use This Side to Request Authority for Work
(Three Copies Required)

Notice of Intention To:

- Drill..... ☐
- Plug..... ☐
- Deepen or plug back.. ☐
- Convert..... ☐
- Pull or alter casing..... ☒
- Formation Treatment.. ☐
- ..... ☐

Details of Work

Drilling applications will state proposed TD & horizons to be tested. Show size & length of casings to be used. Indicate proposed mudding, cementing & other work.
Plugging applications shall set forth reasons for plugging & detailed statement of proposed work
Plugging will not commence until 10 days following approval date unless authority granted for earlier commencement.
A $15.00 plugging fee is also required with each application to plug.

0 Bbls oil 0 Bbls water in 24 hrs

To reactivate & set up for production in CO2 test area Will MIRU POOH w/tbg, rods, & pump. Fish all junk from hole if needed. RIH w/bit & scraper to TD. Set CIBP at end of casing or liner. Perf & cement csg or liner to 700' above end. WOC. Shoot off & POOH w/top 500' of csg. (or shoot every 50 ft to surface).Install new 3½" production casing w/bottom 500 ft chrome lined. Cement this to surface w/DV tool set @ 600'. WOC. RIH w/ bit & clean out to CIBP. Run CBL. Drill out BP & put on production w/ceramic coated tbg & pump.

I understand that this plan of work must receive approval in writing of the Osage Indian Agency before operations may be commenced.

Lessee: Chaparral Energy, L.L.C.

Signature: _____
David P. Spencer

Title: Manager of Regulatory Affairs

Address: 701 Cedar Lake Blvd., Oklahoma City, Oklahoma 73114

Use This Side To Report Completed Work
(One Copy Required)

Character of Well (oil, gas or dry) _____

Subsequent Report of:

- Conversion..... ☐
- Formation Treatment.. ☐
- Altering casing..... ☐
- Plugging Back..... ☐
- Plugging..... ☐

Details of Work & Results Obtained

Work commenced: _____
Work completed: _____
(Continue on reverse if necessary)

This block for plugging information only

Casing Record

Size	In Hole When Started	Amt. Recovered	If Parted Depth	If Parted How

Original TD _____

Lessee:

By: _____

Subscribed and sworn to before me this _____ day of _____, 2010.

_____
Jane A. Kitchens #10000641 Notary Public My Commission Expires January 29, 2014

X

OSAGE TABULATION OF WELLS WITHIN 1/4 MILE OF PROPOSED INJECTION WELL
WHICH PENETRATE THE INJECTION ZONE

Proposed Inj Well

****

Well Name NBU 32-1 Company Name Cosden Oil and Gas Date Drilled 5/21/1924 Depth 3053 '

Location 2340 ' F N L & 300 ' F E L, SE /4, Sec. 14 , T 27 N, R 05 E Status Shut in oil

Elevation 1123 [X] GL [ ] KB

Hole Size	Casing Size	Landed Depth	Cement & Additive Data	Top of Cement	If well is TA or P&A Describe How:
"	20 "	20 '	fsh 5 1/2"lnr left 92' @2888'. Dmpd 2 sx cmt @ 2840'. Part & POOH 5 1/2" csg @ 2760'. Csg leaks @ 0-173.99, 1533.23-1562.88	'	
"	15 1/2 "	868 '		'	
"	8 5/8 "	2302 '	1767.99-1825.78 & 1854.49-1941.81. spot 5 sx sand.pmp 100 sx class H cmt, 3%CC, %# Gilsonite, disp w/ 13 BW. Pmp 50 sx class H 3% CC, 5# gilsonite, disp w/13 BW. Spot 60 sx class H, 3% CC, 5# gilsonite. Pmp 40 sx class H cmt @ top of 7".	'	
"	7 "	2816 '		'	
	5 1/2 "	liner '		'	
"	"	'		'	

Formations Open To Wellbore: Burbank (Open Hole 2968' to 3053')

****

Well Name NBU 32-2 Company Name Cosden Oil and Gas Date Drilled 5/27/1924 Depth 3074 '

Location 300 ' F S L & 980 ' F E L, SE /4, Sec. 14 , T 27 N, R 05 E Status Oil Producer

Elevation 1137 [X] GL [ ] KB

Hole Size	Casing Size	Landed Depth	Cement & Additive Data	Top of Cement	If well is TA or P&A Describe How:
"	15 1/2 "	887 '		'	
"	8 5/8 "	2317 '		'	
	7 "	2850 '			
"	5 1/2 "	liner '	Part & POOH 5 1/2" csg @ 2807', left 175'.	'	

Formations Open To Wellbore: Burbank (Open Hole 2982.5' to 3074')

****

Well Name NBU 32-3 Company Name Cosden Oil and Gas Date Drilled 5/25/1924 Depth 3072 '

Location 300 ' F S L & 1017 ' F W L, SE /4, Sec. 14 , T 27 N, R 05 E Status Shut in Oil

Elevation 1137 [X] GL [ ] KB

Hole Size	Casing Size	Landed Depth	Cement & Additive Data	Top of Cement	If well is TA or P&A Describe How:
"	15 1/2 "	863 '		'	
"	10 "	966 '		'	
"	8 5/8 "	2320 '		'	
"	7 "	2847 '		'	
"	5 1/2 "	liner '	fsh all 5 1/2" liner. Dmp 2 sx cmt @ 2844'. Part & POOH 5 1/2" csg @ 2796'. Left 195' 5 1/2" csg in hole.	'	
"	"	'		'	

Formations Open To Wellbore: Burbank (Open Hole 2993' to 3072')

****

OSAGE TABULATION OF WELLS WITHIN 1/4 MILE OF PROPOSED INJECTION
WELL WHICH PENETRATE THE INJECTION ZONE

Proposed Inj Well

****

Well Name NBU 32-4 Company Name Cosden Oil and Gas Date Drilled 5/31/1924 Depth 3037 '

Location 300 ' F S L & 300 ' F W L, SE /4, Sec. 14 , T 27 N, R 05 E Status Oil Producer

Elevation 1169 [X] GL [ ] KB

Hole Size	Casing Size	Landed Depth	Cement & Additive Data	Top of Cement	If well is TA or P&A Describe How:
"	15 1/2 "	905 '		'	
"	10 "	1111 '		'	
"	8 5/8 "	2320 '		'	
"	7 "	2865 '		'	
"	5 1/2 "	liner '	2814' to 2982'	'	

Formations Open To Wellbore: Burbank (Open Hole 2982' to 3037')

****

Well Name NBU 32-5 Company Name Cosden Oil and Gas Date Drilled 6/6/1924 Depth 3050 '

Location 980 ' F S L & 300 ' F W L, SE /4, Sec. 14 , T 27 N, R 05 E Status P & A'd 1/25/1962

Elevation 1132 [X] GL [ ] KB

Hole Size	Casing Size	Landed Depth	Cement & Additive Data	Top of Cement	If well is TA or P&A Describe How:
"	20 "	37 '		'	Spot 40 sx cmt w/1150# Diacel D & 2% CC @ 3018'. TOC @ 2516'. Part & POOH 5 1/2" csg @ 2470'. Part & POOH 7" csg @ 2445'. Dmpd 10 sx cmt @ 2445'. Part & POOH 8 5/8" csg @ 1000'. Mudded hole to surf.
"	15 1/2 "	887 '		'	
	8 5/8 "	2312 '		'	
	7 "	2840 '		'	
"	5 1/2 "	liner '	2315' to 2978'	'	

Formations Open To Wellbore: None

****

Well Name NBU 32-6 Company Name Cosden Oil and Gas Date Drilled 6/27/1924 Depth 3037 '

Location 980 ' F N L & 300 ' F W L, SE /4, Sec. 14 , T 27 N, R 05 E Status Oil Producer

Elevation 1131 [X] GL [ ] KB

Hole Size	Casing Size	Landed Depth	Cement & Additive Data	Top of Cement	If well is TA or P&A Describe How:
"	10 "	437 '		'	
"	8 5/8 "	2305 '	sqzd 7" csg @ 2260' w/100 sx reg cmt & 2% CC.	'	
"	7 "	2830 '		'	
"	5 1/2 "	liner '	Part & POOH 5 1/2" csg @ 2778', left 201'	'	

Formations Open To Wellbore: Burbank (Open Hole 2980' to 3037')

****

OSAGE TABULATION OF WELLS WITHIN 1/4 MILE OF PROPOSED INJECTION
WELL WHICH PENETRATE THE INJECTION ZONE

Proposed Inj Well

****

Well Name NBU 32-7 Company Name Cosden Oil and Gas Date Drilled 5/25/1924 Depth 3035 '

Location 300 ' F N L & 2340 ' F E L, SE /4, Sec. 14 , T 27 N, R 05 E Status P & A'd 7/17/1962

Elevation 1136 [X] GL [ ] KB

Hole Size	Casing Size	Landed Depth	Cement & Additive Data	Top of Cement	If well is TA or P&A Describe How:
"	15 1/2 "	888 '		'	Spot 40 sx cmt w/30% Diacel D & 2% CC @ 2999'. TOC @ 2639'. Pld 119 jts of 5 1/2" csg. Part & POOH 7" csg @ 2600'. Dmpd 10 sx cmt @ 2550'. Part @ POOH 8 5/8" csg @ 1820'. Mudded hole to surf
"	8 5/8 "	2296 '		'	
"	7 "	2296 '		'	
"	5 1/2 "	liner '	2271' to 2975'	'	

Formations Open To Wellbore: None

****

Well Name NBU 32-8 Company Name Cosden Oil and Gas Date Drilled 6/20/1924 Depth 3046 '

Location 300 ' F N L & 980 ' F W L, SE /4, Sec. 14 , T 27 N, R 05 E Status P & A'd 2/19/65

Elevation 1135 [X] GL [ ] KB

Hole Size	Casing Size	Landed Depth	Cement & Additive Data	Top of Cement	If well is TA or P&A Describe How:
"	20 "	20 '		'	cmtd form @ 2947' w/50 sx reg cmt w/30% Diacel D & 2% CC. Part & POOH 5 1/2" csg @ 2870'. Part & POOH 7" csg @ 2700'. Dmpd 10 sx reg cmt @ 2070'. Pld 102 jts 8 5/8" csg. Dmpd 15 sx cmt w/30% Diacel D @ 125'. Capped w/5 sx cmt.
	10 "	916 '		'	
	8 5/8 "	2317 '		'	
"	7 "	2842 '		'	
"	5 1/2 "	liner '	2817' to 2969'	'	

Formations Open To Wellbore: None

****

Well Name NBU 32-9 Company Name Cosden Oil and Gas Date Drilled 7/14/1924 Depth 3053 '

Location 300 ' F N L & 980 ' F E L, SE /4, Sec. 14 , T 27 N, R 05 E Status P & A'd 7/10/1962

Elevation 1139 [X] GL [ ] KB

Hole Size	Casing Size	Landed Depth	Cement & Additive Data	Top of Cement	If well is TA or P&A Describe How:
"	15 1/2 "	879 '		'	Spot 40 sx cmt w/30% Diacel D @ 3000'. TOC @ 2701'. Part & POOH 5 1/2" csg @ 2660'. Part & POOH 7" csg @ 2620'. Dmpd 10 sx cmt @ 2500'. Part & POOH 8 5/8" csg @ 1280'. Mudded hole to surf.
"	8 5/8 "	2312 '		'	
"	7 "	2800 '		'	
"	5 1/2 "	liner '	2775' to 2983'	'	

Formations Open To Wellbore: None

****

OSAGE TABULATION OF WELLS WITHIN 1/4 MILE OF PROPOSED INJECTION
WELL WHICH PENETRATE THE INJECTION ZONE

Proposed Inj Well

****

Well Name NBU 32-10 Company Name Cosden Oil and Gas Date Drilled 6/5/1924 Depth 3030 '

Location 300 ' F N L & 300 ' F E L, SE /4, Sec. 14 , T 27 N, R 05 E Status P & A'd 6/27/1962

Elevation 1130 [X] GL [ ] KB

Hole Size	Casing Size	Landed Depth	Cement & Additive Data	Top of Cement	If well is TA or P&A Describe How:
"	20 "	55.5 '		'	Spot 35 sx cmt w/30% Diacel D & 2% CC @ 2985'. TOC @ 2800'. Part & POOH 7" csg @ 2620', 168' left. Dmpd 1 0sx cmt @ 200'. Part & POOH 8 5/8" csg @ 1870, 563' left. Mudded hole to surf.
"	15 1/2 "	860 '		'	
	8 5/8 "	2290 '		'	
	7 "	2811 '		'	
"	5 1/2 "	liner '	2793' to 2970'	'	

Formations Open To Wellbore: None

****

Well Name NBU 32-11 Company Name Cosden Oil and Gas Date Drilled 5/24/1924 Depth 2993 '

Location 980 ' F N L & 300 ' F E L, SE /4, Sec. 14 , T 27 N, R 05 E Status Oil Producer

Elevation 1116 [X] GL [ ] KB

Hole Size	Casing Size	Landed Depth	Cement & Additive Data	Top of Cement	If well is TA or P&A Describe How:
"	20 "	22 '	ran 545' 5 1/2" csg to fix leaks on 7" csg@ 2754'. Cmtd w/80 sx reg, 20% Diacel D, 2% CC.	'	
"	15 1/2 "	857 '		'	
	8 5/8 "	2281 '		'	
	7 "	2801 '	pld 2754' 5 1/2" csg, left lnr w/top @ 2754'. Btm @ 2969'.	'	
"	5 1/2 "	liner '		'	

Formations Open To Wellbore: Burbank (Open Hole 2969' to 2993')

****

Well Name NBU 32-12 Company Name Cosden Oil and Gas Date Drilled 5/19/1924 Depth 3031 '

Location 1560 ' F S L & 300 ' F E L, SE /4, Sec. 14 , T 27 N, R 05 E Status P & A'd 1/9/1962

Elevation 1120 [X] GL [ ] KB

Hole Size	Casing Size	Landed Depth	Cement & Additive Data	Top of Cement	If well is TA or P&A Describe How:
"	15 1/2 "	857 '		'	Spot 25 sx cmt w/700# Diacel D & 2% CC @ 2972'. TOC @ 2425'. Part & POOH 5 1/2" csg @ 2340', left 597'. Part & POOH 7" csg @ 2325', left 484'. Dmpd 10 sx cmt @ 2325'. Part & POOH 8 5/8" csg @ 1560', left 700'. Mudded hole to surf.
"	8 5/8 "	228 '		'	
"	7 "	2816 '		'	
"	5 1/2 "	liner '	2796'-2960'		
"	"	'		'	

Formations Open To Wellbore: None

****

OSAGE TABULATION OF WELLS WITHIN 1/4 MILE OF PROPOSED INJECTION
WELL WHICH PENETRATE THE INJECTION ZONE

Proposed Inj Well

****

Well Name NBU 32-13 Company Name Cosden Oil and Gas Date Drilled 5/4/1924 Depth 3046 '

Location 980 ' F S L & 980 ' F E L, SE /4, Sec. 14 , T 27 N, R 05 E Status P & A'd 2/5/1963

Elevation 1135 [X] GL [ ] KB

Hole Size	Casing Size	Landed Depth	Cement & Additive Data	Top of Cement	If well is TA or P&A Describe How:
"	20 "	13 '		'	spot 25 sx reg w/30% Diacel D @ 3008'. TOC @ 2727'. Part & POOH 125 jts 5 1/2" csg @ 2700'. Part & POOH 118 jts of 7" csg @ 2680'. Dmpd 10 sx cmt @ 2650'. Part & POOH 89 jts 8 5/8" csg 2040-1820'. Mudded hole to surf.
"	15 1/2 "	881 '		'	
	8 5/8 "	2313 '		'	
	7 "	2824 '		'	
"	5 1/2 "	liner '	2799' to 2979'	'	

Formations Open To Wellbore: None

****

Well Name NBU 32-14 Company Name Cosden Oil and Gas Date Drilled 5/24/1924 Depth 3044 '

Location 1660 ' F N L & 1660 ' F E L, SE /4, Sec. 14 , T 27 N, R 05 E Status P & A'd 3/23/1962

Elevation 1137 [X] GL [ ] KB

Hole Size	Casing Size	Landed Depth	Cement & Additive Data	Top of Cement	If well is TA or P&A Describe How:
"	15 1/2 "	896 '		'	CO to 3051'. Spot 70 sx cmt w/2150# Diacel D & @% CC @ 3018". TOC @ 2500'. Part & POOH 5 1/2" csg, 110 jts. Part & POOH 7" csg @ 2365', 107 jts. Dmpd 10 sx cmt @ 2365'. Part & POOH 8 5/8" csg @ 1965', 89 jts. Mudded hole to surf
"	8 5/8 "	2346 '		'	
"	7 "	2823 '		'	
	5 1/2 "	liner '	2800' to 2978'	'	
"	"	'		'	

Formations Open To Wellbore: None

****

Well Name NBU 32-15 Company Name Cosden Oil and Gas Date Drilled 6/4/1924 Depth 3049 '

Location 980 ' F N L & 980 ' F W L, SE /4, Sec. 14 , T 27 N, R 05 E Status Shut in oil

Elevation 1129 [X] GL [ ] KB

Hole Size	Casing Size	Landed Depth	Cement & Additive Data	Top of Cement	If well is TA or P&A Describe How:
"	15 1/2 "	819 '		'	
"	8 5/8 "	2315 '		'	
"	7 "	2833 '	pld 2768' of 5 1/2" csg, left lnr w/top @ 2768'.	'	
"	5 1/2 "	liner '	2768' to 2973'	'	

Formations Open To Wellbore: Burbank (Open Hole 2973' to 3049')

****

OSAGE TABULATION OF WELLS WITHIN 1/4 MILE OF PROPOSED INJECTION WELL
WHICH PENETRATE THE INJECTION ZONE

Proposed Inj Well

****

Well Name NBU 32-16 Company Name Cosden Oil and Gas Date Drilled 6/6/1924 Depth 3030 '

Location 980 ' F N L & 980 ' F E L, SE /4, Sec. 14 , T 27 N, R 05 E Status Shut in oil

Elevation 1122 [X] GL [ ] KB

Hole Size	Casing Size	Landed Depth	Cement & Additive Data	Top of Cement	If well is TA or P&A Describe How:
"	20 "	74 '		'	
"	15 1/2 "	860 '		'	
	8 5/8 "	2299 '	Part & POOH 2800' 5 1/2" csg @ 2778'.top of csg @ 2778' & btm @ 2967', left 189'.	'	
	7 "	2826 '		'	
"	5 1/2 "	liner '	2778' to 2967'	'	

Formations Open To Wellbore: Burbank (Open Hole 2967' to 3030')

****

Well Name NBU 32-W21 Company Name Phillips Petroleum Com Date Drilled 8/15/1961 Depth 3050 '

Location 890 ' F S L & 565 ' F W L, SE /4, Sec. 14 , T 27 N, R 05 E Status Injection well

Elevation 1130 [X] GL [ ] KB

Hole Size	Casing Size	Landed Depth	Cement & Additive Data	Top of Cement	If well is TA or P&A Describe How:
"	8 5/8 "	112 '	Cmt w/105 sx cmt	surf '	
"	4 1/2 "	3007 '	114 sx cmt w/3200# Diacel D	1990 '	
"	"	'		'	
"	"	'		'	
"	"	'		'	

Formations Open To Wellbore: Burbank (Open Hole 3007' to 3050')

****

Well Name NBU 32-W23 Company Name Phillips Petroleum Com Date Drilled 8/8/1961 Depth 3069 '

Location 890 ' F S L & 715 ' F E L, SE /4, Sec. 14 , T 27 N, R 05 E Status Injection well

Elevation 1123 [X] GL [ ] KB

Hole Size	Casing Size	Landed Depth	Cement & Additive Data	Top of Cement	If well is TA or P&A Describe How:
"	8 5/8 "	116 '	Cmt w/105 sx cmt	surf '	
"	4 1/2 "	3003 '	114 sx cmt w/3200# Diacel D	'	
"	"	'		'	
"	"	'		'	
"	"	'		'	
"	"	'		'	

Formations Open To Wellbore: Burbank (Open Hole 3003' to 3069')

****

OSAGE TABULATION OF WELLS WITHIN 1/4 MILE OF PROPOSED INJECTION WELL
WHICH PENETRATE THE INJECTION ZONE

Proposed Inj Well

****

Well Name NBU 32-W25 Company Name Phillips Petroleum Com Date Drilled 6/17/1962 Depth 3073 '

Location 420 ' F N L & 565 ' F W L, SE /4, Sec. 14 , T 27 N, R 05 E Status Injection well

Elevation 1132 [X] GL [ ] KB

Hole Size	Casing Size	Landed Depth	Cement & Additive Data	Top of Cement	If well is TA or P&A Describe How:
"	8 5/8 "	116 '	Cmt w/110 sx cmt	surf '	
"	4 1/2 "	3023 '	135 sx cmt w/30% Diacel D	2190 '	
"	"	'		'	
"	"	'		'	
"	"	'		'	

Formations Open To Wellbore: Burbank (Open Hole 3023' - 3073')

****

Well Name NBU 32-W27 Company Name Phillips Petroleum Com Date Drilled 6/12/1962 Depth 3043 '

Location 420 ' F N L & 715 ' F E L, SE /4, Sec. 14 , T 27 N, R 05 E Status Injection well

Elevation 1115 [X] GL [ ] KB

Hole Size	Casing Size	Landed Depth	Cement & Additive Data	Top of Cement	If well is TA or P&A Describe How:
"	8 5/8 "	118 '	Cmt w/110 sx cmt	surf '	
"	4 1/2 "	3007 '	135 sx cmt w/30% Diacel D. Run 290' of 1" between 8 5/8" & 4 1/2" csg cmt w/150 sx reg to surface	2350 Surface '	
"	3 1/2 "	2791 '	Cmt w/150 sx reg, 2% Gel	'	
"	"	'		'	
"	"	'		'	

Formations Open To Wellbore: Burbank (Open Hole 3007' - 3043')

****

Well Name Company Name Date Drilled Depth '

Location ' F L & ' F L, /4, Sec. , T N, R E Status

Elevation [ ] GL [ ] KB

Hole Size	Casing Size	Landed Depth	Cement & Additive Data	Top of Cement	If well is TA or P&A Describe How:
"	"	'		'	
"	"	'		'	
"	"	'		'	
"	"	'		'	
"	"	'		'	
"	"	'		'	

Formations Open To Wellbore:

****

Osage Form 139

United States
Department of the Interior
Osage Indian Agency
Pawhuska, Oklahoma

Date: April 12, 2010

Application For the Operation or Report on Wells

North Burbank Unit Tract 23

Geo. N. Wise	March 21, 1924	$100.00
(Commencement money paid to whom)	(Date)	(Amount)

Well No.: 2 is located 300 Ft. from S line and 980 Ft. from E line

NW/4 Sec 14 27N 05E Osage County, Oklahoma
(¼ Sec. & Sec. No.) (Twp) (Range)

The elevation of the ground level above sea level is _____ Ft.

Use This Side to Request Authority for Work
(Three Copies Required)

Notice of Intention To:

- Drill..... ☐
- Plug..... ☐
- Deepen or plug back.. ☐
- Convert..... ☐
- Pull or alter casing..... ☒
- Formation Treatment.. ☐
- ..... ☐

Details of Work

Drilling applications will state proposed TD & horizons to be tested. Show size & length of casings to be used. Indicate proposed mudding, cementing & other work.
Plugging applications shall set forth reasons for plugging & detailed statement of proposed work
Plugging will not commence until 10 days following approval date unless authority granted for earlier commencement.
A $15.00 plugging fee is also required with each application to plug.

0 Bbls oil 0 Bbls water in 24 hrs

To reactivate & set up for production in CO2 test area Will MIRU POOH w/tbg, rods, & pump. Fish all junk from hole if needed. RIH w/bit & scraper to TD. Set CIBP at end of casing or liner. Perf & cement csg or liner to 700' above end. WOC. Shoot off & POOH w/top 500' of csg. (or shoot every 50 ft to surface).Install new 3½" production casing w/bottom 500 ft chrome lined. Cement this to surface w/DV tool set @ 600'. WOC. RIH w/ bit & clean out to CIBP. Run CBL. Will drill CIBP & put on production when needed for CO2 flood.

I understand that this plan of work must receive approval in writing of the Osage Indian Agency before operations may be commenced.

Lessee: Chaparral Energy, L.L.C.

Signature: _____
David P. Spencer

Title: Manager of Regulatory Affairs

Address: 701 Cedar Lake Blvd., Oklahoma City, Oklahoma 73114

Use This Side To Report Completed Work
(One Copy Required)

Character of Well (oil, gas or dry) _____

Subsequent Report of:

- Conversion..... ☐
- Formation Treatment.. ☐
- Altering casing..... ☐
- Plugging Back..... ☐
- Plugging..... ☐

Details of Work & Results Obtained

Work commenced: _____

Work completed: _____

(Continue on reverse if necessary)

This block for plugging information only

Casing Record

Size	In Hole When Started	Amt. Recovered	If Parted Depth	If Parted How

Original TD _____

Lessee:

By: _____

Subscribed and sworn to before me this _____ day of _____, 2010.

X

Jane A. Kitchens #10000641 Notary Public My Commission Expires January 29, 2014

Osage Form 139

United States
Department of the Interior
Osage Indian Agency
Pawhuska, Oklahoma

Date: April 9, 2010

Application For the Operation or Report on Wells

North Burbank Unit Tract 23

Geo. N. Wise	March 21, 2024	$100.00
(Commencement money paid to whom)	(Date)	(Amount)

Well No.: 3 is located 300 Ft. from S line and 980 Ft. from W line

NW/4 Sec 14 27N 05E Osage County, Oklahoma
(¼ Sec. & Sec. No.) (Twp) (Range)

The elevation of the _____ above sea level is _____ Ft.

Use This Side to Request Authority for Work
(Three Copies Required)

Notice of Intention To:

Drill..... ☐
Plug..... ☐
Deepen or plug back.. ☐
Convert..... ☐
Pull or alter casing..... ☒
Formation Treatment.. ☐
..... ☐

Details of Work

Drilling applications will state proposed TD & horizons to be tested. Show size & length of casings to be used. Indicate proposed mudding, cementing & other work.
Plugging applications shall set forth reasons for plugging & detailed statement of proposed work
Plugging will not commence until 10 days following approval date unless authority granted for earlier commencement.
A $15.00 plugging fee is also required with each application to plug.

0 Bbls oil 0 Bbls water in 24 hrs

To reactivate & set up for production in CO2 test area Will MIRU POOH w/tbg, rods, & pump. Fish all junk from hole if needed. RIH w/bit & scraper to TD. Set CIBP at end of casing or liner. Perf & cement csg or liner to 700' above end. WOC. Shoot off & POOH w/top 500' of csg. (or shoot every 50 ft to surface).Install new 3½" production casing w/bottom 500 ft chrome lined. Cement this to surface w/DV tool set @ 600'. WOC. RIH w/ bit & clean out to CIBP. Run CBL. Drill out BP & put on production w/ceramic coated tbg & pump.

I understand that this plan of work must receive approval in writing of the Osage Indian Agency before operations may be commenced.

Lessee: Chaparral Energy, L.L.C.

Signature: _____
David P. Spencer

Title: Manager of Regulatory Affairs

Address: 701 Cedar Lake Blvd., Oklahoma City, Oklahoma 73114

Use This Side To Report Completed Work
(One Copy Required)

Character of Well (oil, gas or dry) _____

Subsequent Report of:
Conversion..... ☐
Formation Treatment.. ☐
Altering casing..... ☐
Plugging Back..... ☐
Plugging..... ☐

Details of Work & Results Obtained

Work commenced: _____
Work completed: _____
(Continue on reverse if necessary)

This block for plugging information only

Casing Record

Size	In Hole When Started	Amt. Recovered	If Parted Depth	If Parted How

Original TD _____

Lessee:

By: _____

Subscribed and sworn to before me this _____ day of _____, 2010.

X _____
Jane A. Kitchens #10000641 Notary Public My Commission Expires January 29, 2014

Osage Form 139

United States
Department of the Interior
Osage Indian Agency
Pawhuska, Oklahoma

Date: April 12, 2010

Application For the Operation or Report on Wells

North Burbank Unit Tract 23

Geo. N. Wise	March 21, 1924	$100.00
(Commencement money paid to whom)	(Date)	(Amount)

Well No.: 4 is located 980 Ft. from N line and 300 Ft. from E line

NW/4 Sec 14 (¼ Sec. & Sec. No.) 27N (Twp) 05E (Range) Osage County, Oklahoma

The elevation of the ground level above sea level is _____ Ft.

Use This Side to Request Authority for Work
(Three Copies Required)

Notice of Intention To:

- Drill..... ☐
- Plug..... ☐
- Deepen or plug back.. ☐
- Convert..... ☐
- Pull or alter casing..... ☒
- Formation Treatment.. ☐
- ..... ☐

Details of Work

Drilling applications will state proposed TD & horizons to be tested. Show size & length of casings to be used. Indicate proposed mudding, cementing & other work.
Plugging applications shall set forth reasons for plugging & detailed statement of proposed work
Plugging will not commence until 10 days following approval date unless authority granted for earlier commencement.
A $15.00 plugging fee is also required with each application to plug.

0 Bbls oil 0 Bbls water in 24 hrs

To reactivate & set up for production in CO2 test area Will MIRU POOH w/tbg, rods, & pump. Fish all junk from hole if needed. RIH w/bit & scraper to TD. Set CIBP at end of casing or liner. Perf & cement csg or liner to 700' above end. WOC. Shoot off & POOH w/top 500' of csg. (or shoot every 50 ft to surface).Install new 3½" production casing w/bottom 500 ft chrome lined. Cement this to surface w/DV tool set @ 600'. WOC. RIH w/ bit & clean out to CIBP. Run CBL. Will drill CIBP & put on production when needed for CO2 flood.

I understand that this plan of work must receive approval in writing of the Osage Indian Agency before operations may be commenced.

Lessee: Chaparral Energy, L.L.C.

Signature: _____
David P. Spencer

Title: Manager of Regulatory Affairs

Address: 701 Cedar Lake Blvd., Oklahoma City, Oklahoma 73114

Use This Side To Report Completed Work
(One Copy Required)

Character of Well (oil, gas or dry) _____

Subsequent Report of:

- Conversion..... ☐
- Formation Treatment.. ☐
- Altering casing..... ☐
- Plugging Back..... ☐
- Plugging..... ☐

Details of Work & Results Obtained

Work commenced: _____

Work completed: _____

(Continue on reverse if necessary)

This block for plugging information only

Casing Record

Size	In Hole When Started	Amt. Recovered	If Parted Depth	If Parted How

Original TD _____

Lessee:

By: _____

Subscribed and sworn to before me this _____ day of _____, 2010.

X _____

Jane A. Kitchens #10000641 Notary Public My Commission Expires January 29, 2014

Osage Form 139

United States
Department of the Interior
Osage Indian Agency
Pawhuska, Oklahoma

Date: April 12, 2010

Application For the Operation or Report on Wells

North Burbank Unit Tract 23

Geo. N. Wise	March 21, 1924	$100.00
(Commencement money paid to whom)	(Date)	(Amount)

Well No.: 9 is located 980 Ft. from N line and 300 Ft. from E line

NW/4 Sec 14 | 27N | 05E | Osage County, Oklahoma

(¼ Sec. & Sec. No.) (Twp) (Range)

The elevation of the ground level above sea level is 1133 Ft.

Use This Side to Request Authority for Work
(Three Copies Required)

Notice of Intention To:

- Drill..... ☐
- Plug..... ☐
- Deepen or plug back.. ☐
- Convert..... ☐
- Pull or alter casing..... ☒
- Formation Treatment.. ☐
- ..... ☐

Details of Work

Drilling applications will state proposed TD & horizons to be tested. Show size & length of casings to be used. Indicate proposed mudding, cementing & other work.
Plugging applications shall set forth reasons for plugging & detailed statement of proposed work
Plugging will not commence until 10 days following approval date unless authority granted for earlier commencement.
A $15.00 plugging fee is also required with each application to plug.

0 Bbls oil 0 Bbls water in 24 hrs

To reactivate & set up for production in CO2 test area Will MIRU POOH w/tbg, rods, & pump. Fish all junk from hole if needed. RIH w/bit & scraper to TD. Set CIBP at end of casing or liner. Perf & cement csg or liner to 700' above end. WOC. Shoot off & POOH w/top 500' of csg. (or shoot every 50 ft to surface).Install new 3½" production casing w/bottom 500 ft chrome lined. Cement this to surface w/DV tool set @ 600'. WOC. RIH w/ bit & clean out to CIBP. Run CBL. Will drill CIBP & put on production when needed for CO2 flood.

I understand that this plan of work must receive approval in writing of the Osage Indian Agency before operations may be commenced.

Lessee: Chaparral Energy, L.L.C.

Signature: _____

David P. Spencer

Title: Manager of Regulatory Affairs

Address: 701 Cedar Lake Blvd., Oklahoma City, Oklahoma 73114

Use This Side To Report Completed Work
(One Copy Required)

Character of Well (oil, gas or dry) _____

Subsequent Report of:

- Conversion..... ☐
- Formation Treatment.. ☐
- Altering casing..... ☐
- Plugging Back..... ☐
- Plugging..... ☐

Details of Work & Results Obtained

Work commenced: _____

Work completed: _____

(Continue on reverse if necessary)

This block for plugging information only

Casing Record

Size	In Hole When Started	Amt. Recovered	If Parted Depth	If Parted How

Original TD _____

Lessee:

By: _____

Subscribed and sworn to before me this _____ day of _____, 2010.

X _____

Jane A. Kitchens #10000641 Notary Public My Commission Expires January 29, 2014

Osage Form 139

United States
Department of the Interior
Osage Indian Agency
Pawhuska, Oklahoma

Date: April 12, 2010

Application For the Operation or Report on Wells

North Burbank Unit Tract 23

Geo. N. Wise	March 21, 1924	$100.00
(Commencement money paid to whom)	(Date)	(Amount)

Well No.: 10 is located 910 Ft. from N line and 980 Ft. from E line

NW/4 Sec 14	27N	05E	Osage County, Oklahoma
(¼ Sec. & Sec. No.)	(Twp)	(Range)	

The elevation of the ground level above sea level is _____ Ft.

Use This Side to Request Authority for Work
(Three Copies Required)

Notice of Intention To:

- Drill..... ☐
- Plug..... ☐
- Deepen or plug back.. ☐
- Convert..... ☐
- Pull or alter casing..... ☒
- Formation Treatment.. ☐
- ..... ☐

Details of Work

Drilling applications will state proposed TD & horizons to be tested. Show size & length of casings to be used. Indicate proposed mudding, cementing & other work.
Plugging applications shall set forth reasons for plugging & detailed statement of proposed work
Plugging will not commence until 10 days following approval date unless authority granted for earlier commencement.
A $15.00 plugging fee is also required with each application to plug.

0 Bbls oil 0 Bbls water in 24 hrs

To reactivate & set up for production in CO2 test area Will MIRU POOH w/tbg, rods, & pump. Fish all junk from hole if needed. RIH w/bit & scraper to TD. Set CIBP at end of casing or liner. Perf & cement csg or liner to 700' above end. WOC. Shoot off & POOH w/top 500' of csg. (or shoot every 50 ft to surface).Install new 3½" production casing w/bottom 500 ft chrome lined. Cement this to surface w/DV tool set @ 600'. WOC. RIH w/ bit & clean out to CIBP. Run CBL. Will drill CIBP & put on production when needed for CO2 flood.

I understand that this plan of work must receive approval in writing of the Osage Indian Agency before operations may be commenced.

Lessee: Chaparral Energy, L.L.C.

Signature: _____
David P. Spencer

Title: Manager of Regulatory Affairs

Address: 701 Cedar Lake Blvd., Oklahoma City, Oklahoma 73114

Use This Side To Report Completed Work
(One Copy Required)

Character of Well (oil, gas or dry) _____

Subsequent Report of:

- Conversion..... ☐
- Formation Treatment.. ☐
- Altering casing..... ☐
- Plugging Back..... ☐
- Plugging..... ☐

Details of Work & Results Obtained

Work commenced: _____
Work completed: _____
(Continue on reverse if necessary)

This block for plugging information only

Casing Record

Size	In Hole When Started	Amt. Recovered	If Parted Depth	If Parted How

Original TD _____

Lessee:

By: _____

Subscribed and sworn to before me this _____ day of _____, 2010.

X

Jena A. Kitchens #10000641 Notary Public My Commission Expires January 29, 2014

Osage Form 139

United States
Department of the Interior
Osage Indian Agency
Pawhuska, Oklahoma

Date: April 12, 2010

Application For the Operation or Report on Wells

North Burbank Unit Tract 23

Geo. N. Wise	March 21, 1924	$100.00
(Commencement money paid to whom)	(Date)	(Amount)

Well No.: 11 is located 910 Ft. from N line and 980 Ft. from W line

NW/4 Sec 14 (¼ Sec. & Sec. No.) 27N (Twp) 05E (Range) Osage County, Oklahoma

The elevation of the ground level above sea level is 1206 Ft.

Use This Side to Request Authority for Work
(Three Copies Required)

Notice of Intention To:

- Drill..... ☐
- Plug..... ☐
- Deepen or plug back.. ☐
- Convert..... ☐
- Pull or alter casing..... ☒
- Formation Treatment.. ☐
- ..... ☐

Details of Work

Drilling applications will state proposed TD & horizons to be tested. Show size & length of casings to be used. Indicate proposed mudding, cementing & other work.
Plugging applications shall set forth reasons for plugging & detailed statement of proposed work.
Plugging will not commence until 10 days following approval date unless authority granted for earlier commencement.
A $15.00 plugging fee is also required with each application to plug.

0 Bbls oil 0 Bbls water in 24 hrs

To reactivate & set up for production in CO2 test area Will MIRU POOH w/tbg, rods, & pump. Fish all junk from hole if needed. RIH w/bit & scraper to TD. Set CIBP at end of casing or liner. Perf & cement csg or liner to 700' above end. WOC. Shoot off & POOH w/top 500' of csg. (or shoot every 50 ft to surface). Install new 3½" production casing w/bottom 500 ft chrome lined. Cement this to surface w/DV tool set @ 600'. WOC. RIH w/ bit & clean out to CIBP. Run CBL. Will drill CIBP & put on production when needed for CO2 flood.

I understand that this plan of work must receive approval in writing of the Osage Indian Agency before operations may be commenced.

Lessee: Chaparral Energy, L.L.C.

Signature: _____

David P. Spencer

Title: Manager of Regulatory Affairs

Address: 701 Cedar Lake Blvd., Oklahoma City, Oklahoma 73114

Use This Side To Report Completed Work
(One Copy Required)

Character of Well (oil, gas or dry) _____

Subsequent Report of:

- Conversion..... ☐
- Formation Treatment.. ☐
- Altering Casing..... ☐
- Plugging Back..... ☐
- Plugging..... ☐

Details of Work & Results Obtained

Work commenced: _____

Work completed: _____

(Continue on reverse if necessary)

This block for plugging information only

Casing Record

Size	In Hole When Started	Amt. Recovered	If Parted Depth	If Parted How

Original TD _____

Lessee:

By: _____

Subscribed and sworn to before me this _____ day of _____, 2010.

X _____

Jane A. Kitchens #10000641 Notary Public My Commission Expires January 29, 2014

Osage Form 139

United States
Department of the Interior
Osage Indian Agency
Pawhuska, Oklahoma

Date: April 12, 2010

Application For the Operation or Report on Wells

North Burbank Unit Tract 23

Geo. N. Wise	March 21, 1924	$100.00
(Commencement money paid to whom)	(Date)	(Amount)

Well No.: 12 is located 1695 Ft. from S line and 300 Ft. from W line

NW/4 Sec 14 (¼ Sec. & Sec. No.) 27N (Twp) 05E (Range) Osage County, Oklahoma

The elevation of the ground level above sea level is 1248 Ft.

Use This Side to Request Authority for Work
(Three Copies Required)

Notice of Intention To:

- Drill..... ☐
- Plug..... ☐
- Deepen or plug back.. ☐
- Convert..... ☐
- Pull or alter casing..... ☒
- Formation Treatment.. ☐
- ..... ☐

Details of Work

Drilling applications will state proposed TD & horizons to be tested. Show size & length of casings to be used. Indicate proposed mudding, cementing & other work.
Plugging applications shall set forth reasons for plugging & detailed statement of proposed work.
Plugging will not commence until 10 days following approval date unless authority granted for earlier commencement.
A $15.00 plugging fee is also required with each application to plug.

0 Bbls oil 0 Bbls water in 24 hrs

To reactivate & set up for production in CO2 test area Will MIRU POOH w/tbg, rods, & pump. Fish all junk from hole if needed. RIH w/bit & scraper to TD. Set CIBP at end of casing or liner. Perf & cement csg or liner to 700' above end. WOC. Shoot off & POOH w/top 500' of csg. (or shoot every 50 ft to surface).Install new 3½" production casing w/bottom 500 ft chrome lined. Cement this to surface w/DV tool set @ 600'. WOC. RIH w/ bit & clean out to CIBP. Run CBL. Will drill CIBP & put on production when needed for CO2 flood.

I understand that this plan of work must receive approval in writing of the Osage Indian Agency before operations may be commenced.

Lessee: Chaparral Energy, L.L.C.

Signature: _____
David P. Spencer

Title: Manager of Regulatory Affairs

Address: 701 Cedar Lake Blvd., Oklahoma City, Oklahoma 73114

Use This Side To Report Completed Work
(One Copy Required)

Character of Well (oil, gas or dry) _____

Subsequent Report of:

- Conversion..... ☐
- Formation Treatment.. ☐
- Altering casing..... ☐
- Plugging Back..... ☐
- Plugging..... ☐

Details of Work & Results Obtained

Work commenced: _____

Work completed: _____

(Continue on reverse if necessary)

This block for plugging information only

Casing Record

Size	In Hole When Started	Amt. Recovered	If Parted Depth	If Parted How

Original TD _____

Lessee:

By: _____

Subscribed and sworn to before me this _____ day of _____, 2010.

X _____

Jane A. Kitchens #10000641 Notary Public My Commission Expires January 29, 2014

Osage Form 139

United States
Department of the Interior
Osage Indian Agency
Pawhuska, Oklahoma

Date: April 12, 2010

Application For the Operation or Report on Wells

North Burbank Unit Tract 23

Geo. N. Wise	March 21, 1924	$100.00
(Commencement money paid to whom)	(Date)	(Amount)

Well No.: 1 is located 300 Ft. from S line and 980 Ft. from E line

NW/4 Sec 14 (¼ Sec. & Sec. No.) 27N (Twp) 05E (Range) Osage County, Oklahoma

The elevation of the ground level above sea level is _____ Ft.

Use This Side to Request Authority for Work
(Three Copies Required)

Notice of Intention To:

- Drill..... ☐
- Plug..... ☐
- Deepen or plug back.. ☐
- Convert..... ☐
- Pull or alter casing..... ☒
- Formation Treatment.. ☐
- ..... ☐

Details of Work

Drilling applications will state proposed TD & horizons to be tested. Show size & length of casings to be used. Indicate proposed mudding, cementing & other work.
Plugging applications shall set forth reasons for plugging & detailed statement of proposed work.
Plugging will not commence until 10 days following approval date unless authority granted for earlier commencement.
A $15.00 plugging fee is also required with each application to plug.

0 Bbls oil 0 Bbls water in 24 hrs

To reactivate & set up for production in CO2 test area Will MIRU POOH w/tbg, rods, & pump. Fish all junk from hole if needed. RIH w/bit & scraper to TD. Set CIBP at end of casing or liner. Perf & cement csg or liner to 700' above end. WOC. Shoot off & POOH w/top 500' of csg. (or shoot every 50 ft to surface).Install new 3½" production casing w/bottom 500 ft chrome lined. Cement this to surface w/DV tool set @ 600'. WOC. RIH w/ bit & clean out to CIBP. Run CBL. Will drill CIBP & put on production when needed for CO2 flood.

I understand that this plan of work must receive approval in writing of the Osage Indian Agency before operations may be commenced.

Lessee: Chaparral Energy, L.L.C.

Signature: _____
David P. Spencer

Title: Manager of Regulatory Affairs

Address: 701 Cedar Lake Blvd., Oklahoma City, Oklahoma 73114

Use This Side To Report Completed Work
(One Copy Required)

Character of Well (oil, gas or dry) _____

Subsequent Report of:

- Conversion..... ☐
- Formation Treatment.. ☐
- Altering casing..... ☐
- Plugging Back..... ☐
- Plugging..... ☐

Details of Work & Results Obtained

Work commenced: _____
Work completed: _____
(Continue on reverse if necessary)

This block for plugging information only

Casing Record

Size	In Hole When Started	Amt. Recovered	If Parted Depth	If Parted How

Original TD _____

Lessee:

By: _____

Subscribed and sworn to before me this _____ day of _____, 2010.

_____
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X